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J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UTGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/clone="UUGC1M0261124"
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Location/Qualifiers
                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Drosophila melanogaster
Eukaryota; Matazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Bukaryota; Matazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Bukoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
I (bases I to 27)
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This EST was detected from Drosophila melanogaster cDNA Library
This EST was detected from Drosophila melanogaster cDNA Library
With GLGI technique (Generation of Longer cDNA fragments from SAGE
tags for Gene Identification, Proc. Natl. Acad. Sci. USA 97, 349,
2000; A high-throughput GLGI procedure for converting a large
number of SAGE tag sequences into 3' ESTS, Genes, Chromosomes &
Cancers 33:52-261, 2002 ), which covers from the 3' end of cDNA
till the first CATG.
Seq primer: M13 Forward.
Location/Qualifiers
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_2 c 4 g 17 t
University of Kentucky
101 Morgan Bullding, University of Kentucky, Lexington, KY
40506-0225, USA
Tel: 606 257 2161
Fax: 606 257 1717
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5841 S. Maryland Ave., MC2115, Chicago, IL 60637,
Tel: 773-702-6788
Fax: 773-702-3002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Pneumocystis carinii"
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Best Local Similarity 82.1%; Pred. No. 47;
Matches 23; Conservative 0; Mismatches
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clome_lib="Mouse_10kb plasmid UTGCIM library"
/note="Wector: PWD42try; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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        DB 1; Length 27;
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                           Pred. No. 53;
0; Mismatches
        1.8%; Score 19.6;
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/mol_type="genomic DNA"
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                                                                                                            1068 AGGTAAAGCAACTATTAAAAAAAA 1093
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
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                              84.6%;
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Query Match 1.8%
Best Local Similarity 84.65
Matches 22; Conservative
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Fax: 801 585 7177
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FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil4732114[gb]AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XILO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 21)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederbausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
Fig. 108, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                    Gaps
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   Length 21;
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Query Match
1.8%; Score 19.4; DB 1;
Best Local Similarity 95.2%; Pred. No. 50;
Matches 20; Conservative 0; Mismatches 1;
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Fax: 801 585 7177
Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: D column: 04
Seq primer: CACACAGGAAACAGCTAATGACC
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ACCESSION KEYWORDS SOURCE

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FEATURES

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Query Match
1.8*; Score 19.4; D
Best Local Similarity 95.2*; Pred. No. 53;
Matches 20; Conservative 0; Mismatches
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
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/clone_lib="Mouse=lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M
musculus C57BL/6J (male) was obtained from the Jacksor
                                                          Gaps
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     DB 1; Length 21;
                                                        Indels
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Insert Length: 10000 Std Brror: 0.00
  1.8%; Score 19.4; D
95.2%; Pred. No. 50;
cive 0; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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|organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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                                                                                                       1080 TATTAAAAAAAAAAAA 1100
                                                                                                                                                             1 TITITAAAAAAAAAAAAA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                         AZ309553.1 GI:10350837
Query Match
Best Local Similarity 95.23
Matches 20; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished
                                                                                                                                                                                                                                                                                                                                                                                  AZ309553
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                                                                                                                                                                                                                                                                                                                       DEFINITION
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gil [472114] [ab] AF122072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (2024)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                                                                                             AZ448207
1M0245E16R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0245E16 R, genomic survey sequence.
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84112, USA
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/note="Vector: PMP42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksor
Laboratory Mouse DNA Resource
                                                            Gaps
                                                            0
Length 24;
                                                            Indels
DB 1;
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Fax: 801 585 7177

Email: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0245 row: E column: 16
Seq primer: CACACAGGAAACAGCTAATGACC
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/organism="Mus musculus"
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/db_xref="taxon:10090"
/clone="UUGCIM0245E16"
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 24.
Location/Qualifiers
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LOCUS DEFINITION

RESULT 9 AZ330737

ACCESSION VERSION

ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS

JOURNAL COMMENT

TITLE

FEATURES

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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU327/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgen sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@dtigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                    GSS 13-DEC-2000
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Pneumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
1 (bases 1 to 26)
Smulian,A.G., Axnold,J., Weise,M., Wunderlich,J., Staben,C., Edman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Campus, Hinxton,
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                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Mel Ville, S.E., Rajandream, M.A. and Barrell, B.G. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hiz Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                  TA12F02Q 25 bp DNA linear GSS 13-D
T. brucei sheared genomic DNA clone 12f02, reverse sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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            Length
            DB 1;
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       ch 1.8%; Score 19.4; D
1. Similarity 95.2%; Pred. No. 54;
20; Conservative 0; Mismatches
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5.2%; Pred. No. 54
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1 (bases 1 to 25)
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     Query Match
Best Local Similarity
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AW333508/c
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                                                                                                                                                                                                                                                                               AZ330737 29-SEP-2000
1M0056F09F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0056F09 F, genomic survey sequence.
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Dunn, D., Aoyagis 1 to 25;
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   'lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
                                                        Gaps
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       1.8%; Score 19.4; DB 1; Length 24; 95.2%; Pred. No. 53;
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Plate: 0055 row: F column: 09
Seg primer: CGTTGTAAAAGGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Query Match
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Matches 20; Conservative
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TITLE JOURNAL

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AZ358846 26 DNA linear GSS 02-0CT-2000. 1M0101M24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0101M24 F, genomic survey sequence.
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Mouse whole genome scaffolding with paired end reads from 10kb Thomas in the stra
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Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 26)
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84112, USA
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                                                                                                                                             /dev stage="placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
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tive 0; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0101M24"
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                             /mol_type="mRNA"
/db_xref="GDB:538233"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
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/lab_host="E.col"
/clone_lib="AGS-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (59-1-6, sacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard conditions described by vendor, Stratagene. Further details see www.uky.edu/project/Pneumocystis/"
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(base, Tolors, Tolors, Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rikin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, The Washu-Merck EST Project
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This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1384 Std Brror: 0.00
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School of Biological Sciences
University of Kantucky
101 Morgan Building, University of Kentucky, Lexington, KY
40506-0225, USA
191 606 257 2161
Fax: 606 257 2161
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
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,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
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Seg primer: Promega -21ml3
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                                                                                                                                                                                                                                                                                                                                      /mol_type="mRNA"
/db_xref="taxon:4754"
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Homo sapiens
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                                      (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymcleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4712114 [gb] AF125072.1), a copy-number inducible derivative of plasmid K1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically competent E. coli Xillo-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
  from the Jackson
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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musculus C57BL/6J (male) was obtained
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 5td Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                              Laboratory Mouse DNA Resource
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0080H09"
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(http://www.jax.org/resources/documents/dhares/). The DNA was bydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5% brange using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4792114) [ab] ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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   from the Jackson
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1.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 19; Conservative 0; Mismatches 0; Indels
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   (male) was obtained
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Insert Length: 10000 Std Brror: 0.00
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Class: plasmid ends
musculus C57BL/6J (male) was c
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/strain="C57BL/69"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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DEFINITION
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ORGANISM
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AZ650575
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(http://www.jax.org/resourced.dharaes/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with Ta DNA polymerase and Ta polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose get of proportive of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XXIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AL048772 21 bp mRNA linear EST 30-APR-1999 DKFZp566N143_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone DKFZp566N143, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EST 06-DEC-2002
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
musculus C57BL/6J (male) was obtained from the Jackson
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Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S.
EST (Koehrer, et al.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /dev_stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="vector: pAWP1; Site_1: NotI; Site_2: Sall"
0 c 2 g
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 57;
                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0%; Pred. No. ...,
Matches 19; Conservative 0; Mismatches
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/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /tissue_type="kidney"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1082 TTAAAAAAAAAAAAAA 1100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19; Conservative
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BQ591193/c
LOCUS
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ORGANISM
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AL048772
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TITLE
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          Inductory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oriffice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4722114|gb|AF129072.1), a copyrunmber inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ849506 20 DNA linear GSS 21-FEB-2001 2M0150P21R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGC2M0150P21 R, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
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/strain="C57BL/6J"
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/clone="UUGC2M0150P21"
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Location/Qualifiers
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Best Local Similarity 100.0
Matches 19; Conservative
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COMMENT
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Gaps

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double-stranded CDNA was size selected, ligated to ECO RI adapters (Pharmacia), digested with Not I and cloned into the Not I and ECO RI sites of a modified pr773 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M. Ratima Bonaldo. RNA from 4 multiple sclerosis lesions from one parient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bukaryotz, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 25)
Hillier, L. Lennon, G. Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, M., Hawkins
, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore
, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T.,
Schellenberg, K., Soaree, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E.,
Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone lib="Soares miltiple sclerosis 2NbHMSP"
/note="Vector: pT7T3D (Pharmacia) with a modified
polylinker V TYPE: phagemid; Site 1: Not I; Site 2: Eco RI
: 1st strand cDNA was primed with a Not I - oligo(dT)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Kikin,L., Rohlfing,T., Sares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldmann,P. and Wilson,R.
The WashU-Merck EST Project
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25 bp mRNA linear EST 06-FEB-19
YD080408.s1 Stratagene placente (#937225) Homo sapiens cDNA clone
IMAGE:70623 3' similar to similar to 9b:X62744 CLASS II
HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN (HUMAN), mRNA sequence.
                                                                                                                                Unpublished
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wstl.edu
This clone is available royalty-free through LLNL, contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: m13 -40 forward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /tissue type="multiple sclerosis lesions"
/dev stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
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tive 0; Mismatches
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Location/Qualifiers
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Best Local Similarity 100.
Matches 19; Conservative
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T49097/c
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          AUTHORS
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                                                                                                                                                                 COMMENT
                                                                                                                                                                                                                                                                                                                                                              Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes L Plant J. 32 (5), 845-857 (2002)

Contact: Weishbaar B ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 22 Std Error: 0.00
Plate: 17 row: D column: 14
Seg primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                         Beta vilgaris

Bukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; endicotyledons; core endicots;

Caryophylales; Amaranthaceae; Beta.

1 (bases 1 to 22)

1 (bases 1 to 22)

Neisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /Globellib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Not1;
CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-77, Note: Sequencing granted in the context of the GABI-Beet project 'local Pi: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 25)
          root Beta vulgaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25 bp mRNA linear EST 23-FEB-close Indear EST 23-FEB-close IMAGE:289557 3' similar to gb:M77693 DIAMINE ACETYLTRANSFERASE (HUMAN);, mRNA sequence.
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     E012715-024-017-D14-T7 MPIZ-ADIS-024-storage rc
cDNA clone 024-017-D14 3-PRIME, mRNA sequence.
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/db_xref="taxon:161934"
/clone="024-017-D14"
/tissue_type="storage root"
/lab_host="EMDH10B"
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00.0%; Pred. No.
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BQ591193.1 GI:26120776
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Homo sapiens
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     DEFINITION
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"mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                /note="Vector: pchVSPORT6; Site 1: Sall; Site 2: Notl;
CODA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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11 (bases 1 to 27)

11 (lases 1 to 27)

12 (lases 1 to 27)

13 (lases 1 to 27)

14 (lases 1 to 27)

15 (lases 1 to 27)

16 (lases 1 to 27)

17 (lases 1 to 27)

18 (lases 1 to 27)

18 (lases 1 to 27)

19 (lases 1 to 27)

10 (lases 1 to 27)

11 (lases 1 to 27)

12 (lases 1 to 27)

13 (lases 1 to 27)

14 (lases 1 to 27)

15 (lases 2 to 27)

16 (lases 2 to 27)

17 (lases 2 to 27)

18 (lases 2 to 27)

18 (lases 2 to 27)

19 (lases 2 to 27)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the
TMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: ET primer
High quality; sequence stop: 8.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N89936 LOBORIAL SOARES fetal lung NDHLISW Homo sapiens CDNA clone IMAGE:302926 3' similar to gb:x59066 ATP SYNTHASE ALPHA CHAIN, MITOCHONDRIAL PRECURSOR (HUMAN);, mRNA sequence.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 19; DB 1; Length 26; Pred. No. 63;
                                                                                                                                                                                                                                            /tissue_type="inflorescence"
/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-inflorescence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
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/lab_host="DH10B (ampicillin resistant)"
     Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
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                                                                            organism="Beta vulgaris"
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                                                                                                                                                                                              /db_xref="taxon:161934"
/clone="024-001-E10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="mRNA"
/db_xref="GDB:1247858"
                                                                                                                                                                          db_xref="GABI:181514"
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/clone="IMAGE:302926"
                           Location/Qualifiers
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Homo sapiens
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Contact: Wilson RK
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Best Local Simi
Matches 19;
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
(bases 1 to 26)
Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                     This clone is available royalty-free through LLNL , contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                           Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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.00.0%; Pred. No. 61;
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ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Bmail: weisshaa@mpiz-koeln.mpg.de
Insert Length: 26 Std Error: 0.00
Plate: 1 row: B column: 10
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/organism="Homo sapiens"
/nol_type="mRNB"
/db_xref="GDB:491520"
/db_xref="taxon:9606"
/clone="IMAGE:70623"
                                                                                                                                                                                                                                                                   High qality sequence starts: 1
High qality sequence stops: 1
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                                                                                                                                                                                                                                                                                                                                                                                                            Seg primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                              Email: est@watson.wustl.edu
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                                                                                             Other_ESTs: yb08h08.rl
Contact: Wilson RK
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Gaps

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longarcre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R.,

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Onpublished
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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81.5%; Pred. No. 64;
tive 0; Mismatches 5; Indels
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Plate: 0542 row: D column: 04
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/mol_type="genomic DNA"
/strain="C57BL/60"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Plate: 0542 row: D column: 04
Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0542D04"
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Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Best Local Similarity 81.5%
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Gyermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Spermatophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

1 (bases 1 to 26)

Herwig.R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Plantd.Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (414732114)[pb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26 bp mRNA linear EST 06-DEC-2002 E012097-024-006-E10-SP6 MPIZ-ADIS-024-inflorescence Beta vulgaris CDNA clone 024-006-E10 5-PRIME, mRNA sequence.
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/mol type="mRNA"
/culfivar="KWS2320 (double haploid, monogerm breeding line
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/clone lib="MPIZ-ADIS-024-inflorescence"
/clone lib="MPIZ-ADIS-024-inflorescence"
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: NotI;
cDNA library from sugar beta library provided by KWS
Kleinwanzlebener Saarzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SP6-Sall-CCACGCCTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof.
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Insert Length: 26 Std Error: 0.00
Plate: 6 row: E column: 10
Seg primer: SP6; CATACGATTAGGTGACACTATAG.
Location/Qualifiers
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90.9%; Pred. No. 63;
ative 0; Mismatches
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/db_xref="taxon:161934"
/clone="024-006-B10"
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Best Local Similarity 90.93
Matches 20; Conservative
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                AZ442170 25 bp DNA linear GSS 03-OCT-200
1M0234H18R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0234H18 R, genomic survey sequence.
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/lab.host="Mc Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="Mc 10kb plasmid UUGCIM library"
/clone lib="Mcctor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Christian Jung, Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Insert Length: 10000 Std Error: 0.00
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                                                                                                                 Pred. No. 67;
0; Mismatches
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Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ende
High quality sequence stop: 25.
                                                                                             1.7%; Score 18.8;
90.9%; Pred. No. 67
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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/clone="UUGC1M0234H18"
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Fax: 801 585 7177
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AUTHORS
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LOCUS
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TITLE

COMMENT

FEATURES

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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1 The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 20)

10 (bases 1 to 20)

11 (bases 1 to 20)

12 (bases 1 to 20)

13 (bases 1 to 20)

14 (bases 1 to 20)

15 (bases 1 to 20)

16 (bases 1 to 20)

17 (burn, D., Agorgat, M., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ368518
1M0118G09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic cone UUGC1M0118G09 R, genomic survey sequence.
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/clone lib="Mouse lokb plasmid UGGCIM library."
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                     ..
                                                                                                                                 Length 25;
                                                                                                                                                                                                     Indels
                                                                                                                                    DB 1;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0118 row: G column: 09
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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                                                                                                                                 1.7%; Score 18.6; D
34.0%; Pred. No. 70;
tve 0; Mismatches
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/mol_type="genomic DNA"

/mol_type="genomic DNA"

/db.xref="taxon:10090"

/clone="UNGCIMO118G09"

/sex="Male"
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Conservative
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1 ATAAAAAAAAAAAAA 20
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Fax: 801 585 7177
                                                                                                                                          Conservative
                                                                                                                 Best Local Similarity
Matches 19; Conserv
                                              20 a
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                                                                                           Query Match
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AUTHORS
                                              BASE COUNT
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1 c 0\ g 3 t
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bummalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Musia,

(bases 1 to 21)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

and Wright, D., Welse, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                                                                               AZ493766 10Kb plasmid UUGCIM library Mus musculus genomic UUGCIM0328C11 R, genomic survey sequence.
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse"
/clone lib="Mouse"
/clone lib="Woctor: PWD421v; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                            Gaps
                                                                                                                                            ..
                                                                                           Query Match 1.7%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 67; Matches 19; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0328 row: C column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
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Fax: 801 585 7177
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ORGANISM
                                                      BASE COUNT
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AZ493766
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Contact: Robert B. Weiss
University of Utah Genome Center
Winversity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GSS 16-FEB-2001
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Unun,D., Advadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Mun,P., Advadi,A., Mahmoud,M., Menen,E., Pedersen,T., Relly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 1 t
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2M0059J16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0059J16 F, genomic survey sequence.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
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                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                    0;
                                                                                                                                  Length 21;
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                                                                                                                                      DB 1;
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Insert Length: 10000 Std Error: 0.00
Plate: 0059 row: J column: 16
                                                                                                                                                                 Pred. No. 68;
0; Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/60"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Plate: 0059 row: J column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                         Score 18.4;
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Location/Qualifiers
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Local Similarity
ses 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GSS
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                                                                                 AZ486788 24-Dp DNA linear GSS 05-OCT-2000 1M0315122F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0315122 F, genomic survey sequence.
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0\ g 1 t
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
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/db xref="rexon:10090"
/clone="UUGC1M0315122"
/sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lone="Vector: PFM921N', Purified genomic DNA from Musculus G57BL/60 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                1.7%; Score 18.4; DB 1; Length 23; 95.0%; Pred. No. 71; ive 0; Mismatches 1; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: I column: 22
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@genet
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                                                                                                                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Jnpublished
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                                                                                                     Query Match
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AZ486788/c
LOCUS
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                                                       BASE COUNT
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KEYWORDS
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SOURCE

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(http://www.jax.org/resources documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 22 t
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ607198 19-DEC-200 INA linear GSS 13-DEC-200 IN0429G03R Mouse 10kb plasmid UUGCIM library Mus musculus genomic Cone UUGCIM0429G03 R, genomic survey sequence.
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Dunn, D., Aoyato 24)
Dunn, D., Aoyato, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
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musculus C57BL/6J (Male) was obtained from the Jackson
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                                                                                                                                          DB 1; Length 24;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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                                                                                                                                      1.7%; Score 18.4; Di
95.0%; Pred. No. 73;
tive 0; Mismatches
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eag primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
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clone="UUGC1M0429G03"
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                                                                                                                                                                                                           Conservative
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19;

Matches

Query Match

BASE COUNT

GSS.

AUTHORS TITLE JOURNAL

COMMENT

REFERENCE

ACCESSION VERSION KEYWORDS SOURCE

RESULT 31 CNS00BGV/c DEFINITION

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw02 (gilly132114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XII.0-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
                                                                                                                                                                                         Dunn, D., Acyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Twetcor: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /Bex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0248 row: K column: 13
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db xref="taxon:10090"
/clone="UUGC1M0248K13"
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                                                  Mus musculus (house mouse)
Mus musculus
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  AZ450180.1 GI:10604710
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Matches
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        VERSION
KEYWORDS
                                                                                                                                                                          REFERENCE
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Submitted (102-JUN-1999) Genoscope - Centre National de Sequencage:
BP 191 91006 EVRY cedex - FRANCE (E-mail: segref@genoscope.cns.fr.
Web: www.genoscope.cns.fr)
Determination of this BAC-end sequence was carried out as part of collaboration with the Berkeley Drosophila Genome Project (BDGP).
The BDGP is constructing a physical map of the Drosophila melanogaster genome using these BACs. For further information please EACs. For further information please see http://www.fruitfly.org The BDGP Drosophila melanogaster BAC library was prepared by Kazutoyo Osoegawa and Aaron Mammoser in Pieter de Jong's laboratory in the Department of Cancer Genetics at the Roswell Park Cancer Institute in Buffalo, NY. The library is named RPCI-98 and was constructed by partial ECORI digestion of Drosophila DNA provided by the BDGP from the isogenic strain v2: on bw sp, the same strain used for the BDGP's pl and BST libraries. A more detailed description of the library and how to order individual BAC clones, the entire library, or filters for hybridization from the BACPAC Resource Center can be found at http://bacpac.med.buffalo.edu/drosophila_bac.htm.
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                                                                                                                                                                                                                                                                                                                                                                                                                            CNSOOBGV 26 bp DNA linear GSS 04-JUN-1999 Drosophila melanogaster genome survey sequence TET3 end of BAC #BACR23F05 of RPCI-98 library from Drosophila melanogaster (fruit
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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                                                                                                                     1.7%; Score 18.4; DB 1; Length 24; 95.0%; Pred. No. 73;
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/clone lib="RRCI-98"
/note="end : TET3"
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36.4%; Pred. No. 75;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          fly), genomic survey sequence. AL057060
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Matches 19; Conserv
                                                                                                                                                      Best Local Similarity
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Gaps

25

ò g DEFINITION

LOCUS

RESULT 32 AZ450180 ACCESSION

Query Match

BASE COUNT

source

FEATURES

us09904568-1.rst

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/sex="Male"
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801 585 7177
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Best Local Similarity
Matches 18; Conserv
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                             AZ486784 1002 DNA linear GSS 05-OCT-2000 1M0315C20F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0315C20 F, genomic survey sequence.
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                                                                                                                                                                                                                                                           Bmail: frazer.murray@bbsrc.ac.uk
GCGGCCGCTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                  Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.6%; Score 18; DB 100.0%; Pred. No. 76; tive 0; Mismatches
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'organism="Gallus gallus"
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University of Utah Genome Center
University of Utah
                                                                                                                                                                 Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin Institute
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
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BP Chicken Brain Library
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   GI:13192793
                                 Gallus gallus (chicken)
Gallus gallus
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                                                                                                                                                                                                                                                                                                       Seq primer: M13F.
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    AL587759.1
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AZ486784/c
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    VERSION
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was bunt end-repaired with Ta DNA polymerase and Ta polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pww10.2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0163003R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0163003 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Monse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: C column: 20
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                       /clone="UUGC1M0315C20"
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Mus musculus
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84112, USA Tel: 801 585 5606 . 0

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/dev stage="49 year old"
/lab_host="SOLR cells (kanamycin resistant)"
/lab_host="SOLR cells (kanamycin resistant)"
/lolne_lib="Stratagene ovary (#937217)"
/note="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI;
Site 2: XhoI; Cloned unidirectionally. Primer: Öligo dT.
Total ovary tissue, normal, caucasian. Average insert
size: 0.8 kb; Uni-ZAP XR Vector; ~5' adaptor sequence: 5'
GAATICGGCAGGAGA 3' ~3' adaptor sequence: 5'
CTCGAGTITITITITITITITITI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hillier, L. Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chisoes, J., Dierrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins Stoke, Dierrich, N., DuBuque, T., E., M., Le, M., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenbery, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, Generation and analysis of 280,000 human expressed sequence tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                              T57657
yb59h02.s1 Stratagene ovary (#937217) Home sapiens CDNA clone IMAGE.75507 3' similar to similar to gb:M17589 TYROSINE T57657 3' similar (HUMAN), mRNA sequence.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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High qality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LINL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
                                                                                                                                                                                                                                   Gaps
/dev stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sall"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sall"
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
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Best Local Similarity 100.0%; Pred. No. 81;
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|wol_type="mRNA"
| db_xref="dDB:55236"
|db_xref="taxon:9606"
|/clone="TMAGB:75507"
|sex="female"
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High quality sequence stop: 1.
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T57657/c
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DKFSp566N213, mRNA sequence.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 2)
Yeobrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                      /sex="Male"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Location/Qualifiers
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                                     Fax: 801 585 7177
Email: ddunmgenetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0163 row: 0 column: 03
Seq primer: ACACAGGAAACAGCTATGACC.
Class: plaamid ends
High quality sequence stop: 20.
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Best Local Similarity 100.
Matches 18; Conservative
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sex="Male"
                                                                                                                                                                                                 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                         plasmid inserts
Unpublished
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ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Pheumocystis carinii"
/mol type="mRNA"
/db /ref="mRNA"
/db /ref="taxon:4754"
/lab host="E. coli"
/clone_lib="AGS-1"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 23)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman
,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
                            ö
                                                                                                                                                                                                                                                                                                  EST 31-JAN-2000
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Eunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ404871
1M0173J14R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0173J14 R, genomic survey sequence.
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                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
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S44B4 AGS-1 Pneumocystis carinii CDNA 3', mRNA sequence.
AW335179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pneumocystis carinii
Eukaryota, Fungi; Ascomycota, Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
                                  Indels
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0
                               Mismatches
   100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: staben@pop.uky.edu.
Location/Qualifiers
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                                                                                                                                               18 TAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pneumocystis carinii
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Best Local Similarity 90.5
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 606 257 2161
Fax: 606 257 1717
                               Conservative
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Best Local Similarity
Matches 18; Conserv
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AZ404871
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AUTHORS
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JOURNAL
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Induction C. The DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gil4732114[gb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for amplian resistance."
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DRNBAF06 Rat DRG Library Rattus norvegicus cDNA clone DRNBAF06 5',
mRNA sequence.
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Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L., Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang,X., Chen,Z., Han,Z.G. and Zhang,X.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host=rB. Coli strain XLIO-Gold, Tl-resistant, F-"/clone lib="Mouse 10%b plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                        SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0173 row: J column: 14
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db xref="taxon:10090"
/clone="UUGC1M0173J14"
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Insert Length: 10000
Plate: 0109 row: G
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Best Local Similarity 83.33
Matches 20; Conservative
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1M0052M17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0052M17 R, genomic survey sequence.
                                                                                                                                                     Contact: Zhang Xu
Laboratory of Sensory System
Laboratory of Sensory System
Institute of Neuroscience
1020 Yue Yang Road, Shanghai 200031, P.R.China
120 Yue Yang Road, Shanghai 200031, P.R.China
121: 86-21-64713446
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Musculus

Musculus

Muscaca, Chordata, Craniata, Vertebrata; Buteleostomi,

Musmalia, Eutheria, Rodentia, Sciurognathi; Muridae, Murinae, Mus.

1 (bases 1 to 24)

1 (bases 1 to 24)

Mun, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
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Insert Length: 10000 Std Error: 0.00
Plate: 0052 row: M column: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Rattus norvegicus"
/mol_type="mRNA"
/strain="Sprague-Dawley"
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0; Mismatches
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/clone="DRNBAF06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.33
Matches 20; Conservative
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Fax: 801 585 7177
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POLYA=No.
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AZ328848
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KEYWORDS
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                                                                                JOURNAL
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(http://www.jax.org/resourced documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with THE DNA polymerase and THE polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pw042 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIII0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Enkaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 24)

S Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Menen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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1M0109G10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0109G10 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                          /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PMD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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83.3%; Pred. No. 93;
tive 0; Mismatches
                                                                                                                                                         /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6"
/db xref="taxon:10090"
/clone="UUGCIM0052M17"
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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                                                                                                                                                                                                                                                                                                                                            /sex="Male"
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column: 10

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row: H column: 07
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Insert Length: 10000 Std Erro
Plate: 0152 row: H column: 07
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Best Local Similarity 83.3
Matches 20; Conservative
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Fax: 801 585 7177
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AZ390642/c
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                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,

Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

(bases 1 to 24)

Unn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
                                                                                                                                                                                                                                                                                  /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clome_lib="Mouse 10kb plasmid UUGCM library"
/note="Vector: PWD42Ly; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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University of Utah Genome Center
University of Utah
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/63"
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/clone="UUGC1M0109G10"
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GSS.
                                                                                                                                                                                                                                                             "sex="Male"
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Best Local Similarity 83.34
Matches 20; Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                           /sex="Male"
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/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Wouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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; Pred. No. 93;
0; Mismatches
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                      organism="Mus musculus"
                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0145D02"
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Mus musculus
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clome_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Tvector: PWD42Dv; Purified genomic_DNA_from M.
musculus_C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA_Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated by separed DNA
was hydrodynamically sheared by repeated by more and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored bNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inductable derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for amplicillin resistance."
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Unpublished
Contact: Robert B. Weiss
University of Utah
University of Utah
Weiss Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ644621 14-DEC-2000 1MO508F12R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIMO508F12 R, genomic survey sequence.
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Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata; Buteleostomi,
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata; Buteleostomi,
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae, Murinae, Mus.
1 (hases 1 to 24)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Walse, R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6""
Seq primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
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AZ644621.1 GI:11773331
                                                                                                                                                                                                                                                                                                                sex="Male"
                                      Class: plasmid ends
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Best Local Similarity 83.33
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                         /lab host="E". Coli strain XL10-Gold, T1-resistant, F-"
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/note="Tector: PWD42Dr; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inductible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Lunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0264 row: A column: 05
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/strain="C57BL/6J"
Seq primer: CGTTGTAAAACGACGGCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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Mus musculus
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GSS.
                                                                                                                                                                                                                                                                                                                sex="Male"
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Fax: 801 585 7177
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Gaps

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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0129 row: A column: 05
     Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
High quality sequence stop: 24.
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                                                                                                                                                                                                                                                     /sex="Male"
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Fax: 801 585 7177
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84112, USA
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                                                                            FEATURES
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longarere, S., Mahmoud, M., Mesnen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Diasmid innerts
Unpublished
                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
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3.3%; Pred. No. 93;
ve 0; Mismatches
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                        /organism="Mus musculus"
                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
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                    Class: plasmid ends
High quality sequence stop: 24.
                                                                                                                                                                                             'db xref="taxon:10090"
                                                                                                                                                                                                                    /clone="UUGC1M0508F12"
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                                                                       Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
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                                                                     FEATURES
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Musculus C57BL/6U (male) was obtained from the Jackson musculus C57BL/6U (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

I (bases 1 to 24)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Millam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Monte Whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" | /lone lib="Wouse lokb plasmid UUGCIM library" | /note="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6U (male) was obtained from the Jacksor
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 93;
Matches 20; Conservative 0; Mismatches 4; Indels
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0; Mismatches
                                                                                  organism="Mus musculus"
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University of Utah Genome Center
University of Utah
                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                       /db xref="taxon:10090"
/clone="UUGC2M0031H11"
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|qpb|AR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the lisert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0266H05F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0266H05 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                     /sex="Female" | Jab host="E. coli strain XL10-Gold, T1-resistant, F-" | Jab host="E. coli strain XL10-Gold, T1-resistant, F-" | /clone lib="Mouse 10kb plasmid UUGC2M library" | /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (female) was obtained from the Jackson
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Wharyfora; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 24)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std Error: 0.00
Plate: 0266 row: H column: 05
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1.6%; Score 17.6; D.
Best Local Similarity 83.3%; Pred. No. 93;
Matches 20; Conservative 0; Mismatches
Seq primer: CGTLULL...
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
Location/Qualifiers
                           CGTTGTAAACGACGGCCAGT
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                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0243J02"
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|472114|gp]AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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Sukaryotas, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
1 (bases 1 to 24)
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Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished
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                                                                                                                                                                                                                                                                                                                     /sex="Male"
/sex="Male"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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1.6%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 93;
Matches 20; Conservative 0; Mismatches 4; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0243 row: J column: 02
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University of Utah Genome Center
University of Utah
                           Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                                                                         mol type="genomic DNA"
strain="C57BL/6J"
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clone="UUGC2M0129A05"
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Fax: 801 585 7177
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AZ970038
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TA169D12P/c
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                                                                                                                                                                                                                                                                           /lab_host="E. coli strain XL10-Gold, Tl-resistant, P-"
/clone_lib="Mouse_10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/GJ (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Morsel,M., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb
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2M0278019F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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Insert Length: 10000 Std Error: 0.00
Plate: 0278 row: 0 column: 19
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B3.3%; Pred. No. 93;
iive 0; Mismatches
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                               organism="Mus musculus"
                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0266H05"
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University of Utah
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Mus musculus
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Best Local Similarity 83.3
Matches 20; Conservative
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732.114 [gb]AR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                    /sex="Female"
/lab host="E. coli strain XL10-Gold, Tl-resistant, F-"
/lab host="E. coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (female) was obtained from the Jackson Laboratory Mouse DNA Resource
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma bruce; (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
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Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 iSA, B-mail: barrell@sanger.ac.uk and
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3.3%; Pred. No. 93;
           CGTTGTAAACGACGGCCAGT
                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
Seg primer: CGTTGTAAAACGACGGCCACCACCAGS: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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Best Local Similarity 83.3%;
Matches 20; Conservative
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Prypanosoma brucei
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Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTAt 10.1) was mechanically sheared to give a tight size distribution (1.1) was mechanically sheared to give a tight size distribution the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shoughn sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell. Oxford University Press, 1999).
Email: nelsayed@tign.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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T. brucei sheared genomic DNA clone 27b08, reverse sequence
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/mol_type="genomic DNA"
/strain="TREU927"
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/mol_type="genomic DNA"
/strain="TREU927"
/db_xref="texon:5691"
/clone="169412"
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREUG27/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
Trypanosoma brucei (TREUG27/4 GUTat 10.1) was mechanically sheared
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Trypanosoma brucei (TREUG27/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
Trypanosoma brucei in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Barrell, Oxford University Press, 1999).
Thucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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T. brucei sheared genomic DNA clone 371f11, forward sequence,
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GSS 13-DEC-2000
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Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S. E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
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Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
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project, Sanger Centre, The Wellcome Trust Genome Cam
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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/strain="TREU927"
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/clone="354c06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Direct Submitted (10-DBC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 15A, B-mail: barrell@sanger.ac.uk and nhlosanger.ac.uk constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing Projects. In Genome Sequencing A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgum sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                            Bmail: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear GSS 13-I
forward sequence,
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Pred. No. 93;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                1.6%; Score 17.6; DB 1;
83.3%; Pred. No. 93;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                      organism="Trypanosoma brucei"
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                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="TREU927"
/db_xref="taxon:5691"
/clone="371f11"
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/clone="95b08"
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Best Local Similarity 83.3%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                         0
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(bases 1 to 24)
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TA95B08P
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AUTHORS
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KEYWORDS
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/clone lib="BP Chicken Brain Library"
/note="Vector: pSPORT1; Site 1: Not1; Site 2: Sal1; Cloned unidirectionally. Primer: Oligo dT. 5' adaptor sequence: 5' TCCACCTCGAG 3'; 3' adaptor sequence: 5'
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                                                                                                                                                               AL587648
AL587648 BP Chicken Brain Library Gallus gallus cDNA clone
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                                                                                                                                                                                                                                                                                                   Gallus gallus (chicken)
Gallus gallus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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yy06g01.s1 Soares melanocyte 2NbHM Homo sapiens cDNA clone
IMAGE:270480 3' similar to gb:D29805 N-ACETYLLACTOSAMINE SYNTHASE
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

    (bases 1 to 25)

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: frazer.murray@bbsrc.ac.uk
GCGGCCGCTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GCGGCCGCTTTTTTTTTTTTTT 3' Poly A RNA purchased from
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 17.6;
1077 AACTATTAAAAAAAAAAAAA 1100
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/db_xref="taxon:9031"
/clone="ROS060C07"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /tissue_type="Brain"
/dev_stage="Unknown"
/lab_host="DH108"
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                                            1 AAAAAAAAAAAAAAAAAA 24
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                                                                                                                                                                                                                                                       AL587648.1 GI:13192682
EST.
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Matches 20; Conserv
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                                                                                                                                                                                                                                        AL587648
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1 AAAAAAAAAAAAAAAAAAA 24
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Best Local Similarity 83.33
Matches 20; Conservative
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Unpublished
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SOURCE
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,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldman,P. and Wilson,R.
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1M00708124R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0078124 R, genomic survey sequence.
A2344725
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
'M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
                                                                                                                                                                                                      Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LiML
This clone is available royalty-free through LINL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Seq primer: and 3 - 40 forward
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                     Unpublished
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.6%; Score 17.6; DB 1; Length 25;
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                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
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/clone=rTMAGE:270480"
/sex="Male"
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GSS.
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Matches 20; Conserv
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AUTHORS
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JOURNAL
COMMENT
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/cloud= Coccine Strain XLIO-Gold, TI-resistant, F-"
/sbx="Male" | Lobe | Strain XLIO-Gold, TI-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library" |
/clone lib="Whouse lokb plasmid UUGCIM library" |
/note="Vector: PWDAZUV; Purified genomic DNA from M.
musculus G57BI/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource |
/chtp://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarcse gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 [gb]ARI-29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
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Mouse whole genome scaffolding with paired end reads from 10kb
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Fax: 801 585 7177
Fax: 801 585 7177
Faxi: 801 585 71
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83.3%; Pred. No. 94;
cive 0; Mismatches
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0078124"
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(http://www.iax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (4)1472114[gb/AR129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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1M0150B06F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/clone lib="Mouse 10kb plasmid UUGClM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksor
Laboratory Mouse DNA Resource
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83.3%; Pred. No. 94;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
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/strain="C57BL/6J"
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/clone="UUGC1M0137N18"
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Contact: Robert B. Weiss
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Best Local Similarity 83.34
Matches 20, Conservative
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                                                        308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT. 2, USA
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome_lib="Mouse l0kb plasmid UTGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                   Plate: 0088 row: A column: 04
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends

    .25
    organism="Mus musculus"

University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
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Contact: Robert B. Weiss
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Laboratory Mouse DNR Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114/gb|AR129072.1), a copy number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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1M0460L02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0460L02 R, genomic survey sequence.
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                          University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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/note="Wector: PWD42Iv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 1000 Std Error: (
Plate: 0433 row: H column: 19
Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/67"
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/clone="UUGC1M0433H19"
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Contact: Robert B. Weiss
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AZ623157.1 GI:11745347
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Matches 20; Conservative
                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                        USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 36 biomedical Polymers Research Bldg., 20
84112, USA
                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0150 row: B column: 06
Seq primer: CGTTGTAAAACGACGCCAGT
class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/67"
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonicleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AP129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 25)
           University of Utah Genome Center
University of Utah
Tan 300, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
B4112, USA
Tel: 801 585 5606
Fax: 801 585 7175
Fax: 801 5
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2M0212008R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0212008 R, genomic survey sequence.
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Unpublished
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-" /clone_lib="Mouse_l0kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                        Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0035 row: L column: 19
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:10090"
/clone="UUGC2M0035L19"
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monuse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gfl | 4732114| gpl | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota, Metazoa; Chordata; Craniata, Vertebrata; Euteleostomi,
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (base; 1 to 25)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Kose, R.,
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                      Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
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                                                                                                                                               Tel: 601 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                               Plate: 0460 row: L column: 02
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rest
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/clone="UUGC1M0460L02"
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Location/Qualifiers
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Unpublished
Contact: Robert B. Weiss
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Matches 20; Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuralectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (41472114] (pb.HAT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab host="E. coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC2M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson
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        University of Utah Genome Center
University of Utah
Rm. 108, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Trypanosoma brucei
Bukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                                                                                        Std Error: 0.00
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                                                                                                                                                                                               Insert Length: 10000 Std Error:
Plate: 0257 row: M column: 19
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/64"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db xref="taxon:10090"
/clone="UUGC2M0257M19"
                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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AL493396
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Best Local Similarity 83.3.
There 20; Conservative
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TA324E10P/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kp range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi |4732114|gb|AF129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
           University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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2M0257M19F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0257M19 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="E. col; strain XLIO-Gold, Tl-resistant, F-"
clone lib="Mouse 10kb plasmid UGGCM library"
/note="Vector: PMASINv; Purified genomic DNA from M.
musculus G57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
1 (bases 1 to 25)
1 (bases 1 to 25)
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Dum,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
Contact: Robert B. Weiss
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                                                                                                                                                                                          Std Error: 0.00
                                                                                                                                               Email: dunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.(
Plate: 0.212 row: O column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                           /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/65"
University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db_xref="taxon:10090"
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AZ980407.1 GI:13851634
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                                                                    84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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GSS 13-DEC-2000

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Homo sapiens (human)
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Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTAT 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
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                                                                                                                                                                          Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Eukaryota; Merazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly and Wright, D., Weise, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0244J19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
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/organism="Trypanosoma brucei"
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Insert Length: 10000 Std Error: 0.00
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0; Mismatches
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGCIM0244J19"
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83.3%; Pred. No. 94
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Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
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/db_xref="taxon:5691"
/clone="324e10"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
Email: ddunn@qenet
                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
Matches 20; Conserv
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84112, US
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    COMMENT
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboraruy Mouse DNA Resource (http://www.dax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 47321141gb]AR129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrinin, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kochrer,K., Beyer,A., Mewes,H.W., Gassenhuber,J. and Wiemann,S. EST (Kochrer, et al.) Unpublished
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/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sall"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.6%; Score 17.4; DB 1; Length 19; 44.7%; Pred. No. 89;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.6%; Score 17.4; DB 1; Length 22;
14.7%; Pred. No. 95;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Indels
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/organism="Homo sapiens"
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/clone="DKFZp566L123"
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DKFZp566K213_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
DKFZp566K213, mRNA sequence.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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T (bases 1 to 24)
Kohrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)
                                                                                                                                                                                         1 (bases 1 to 23)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S.
EST (Koehrer, et al.)
Unpublished
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/mol_to_msm...
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/db xref="taxon:9668"
/tissue type="kidney"
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/clone lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sal1"
a l c 2 g l t
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/dev_stage="ketal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: Sall"
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Location/Qualifiers
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94.7%; Pred. No. 97;
ative 0; Mismatches
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Pred. No. 99;
                                                                                                                                                                                                                                                                                                                                                     organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="DKFZp566M233"
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                                                                                    AL048745.1 GI:4727816
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                                                                                                                       Homo sapiens (human)
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Homo sapiens
                                                                                                                                                                                                                                                             Contact: Koehrer K
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Best Local Similarity 94.7
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                    1. .23
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Best Local Similarity
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KEYWORDS
SOURCE
ORGANISM
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                                                                                                                                    ORGANISM
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TITLE
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COMMENT
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AL048765
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DB 1; Length 24;

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Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi/4732114[gb/AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the innear adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 300, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bumania; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Dases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly

AM, Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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                                                                                                                                                                                                                               AZ304806 10kb plasmid UUGCIM library Mus musculus genomic
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/lab host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library,
/note="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
     Gaps
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     1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ddunn@genetics.utah.edu
Length: 10000 Std Error: 0.00
0005 row: K column: 17
  0; Mismatches
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Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/69"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGCIM0005K17"
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Location/Qualifiers
                                                 1082 TTAAAAAAAAAAAAAA 1100
                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus (house mouse)
                                                                                                  3 TCAAAAAAAAAAAAA 21
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18; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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Best Local Similarity
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Plate:
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AZ330773
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gil | 4732114 | gb| AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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ö
                                                                                                                                                                                                                         GSS 05-OCT-2000
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1M0346A10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0346A10 R, genomic survey sequence.
AZ505769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, S., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                          Craniata; Vertebrata; Euteleostomi;
Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
  Gaps
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Indels
3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Plate: 0346 row: A column: 10
Seg primer: CACACAGGAAACAGCTATGACC
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organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  db_xref="taxon:10090"
clone="UUGC1M0346A10"
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High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Rodentia,
1 (bases 1 to 22)
                                            1079 CTATTAAAAAAAAAAAAA 1100
                                                                                                                                                                                                                                                                                                                                                                        Mus musculus (house mouse)
                                                                                              CARARARARARARARARARA
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                                                                                                                                                                                                                                                                                                                       AZ505769.1 GI:10687085
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19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    source
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Matches
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                                                                                                                                                                    RESULT 74
                                                                                                                                                                                            AZ505769
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Score 17.2; DB 1; Length 22; Pred. No. 1e+02;

1.6%; 86.4%;

Query Match Best Local Similarity

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (414732114) [4] ABAL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                               GSS 29-SEP-2000
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Dunn,D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                           AZ330773 29-SEP-200
1M0056008F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/clome 11b="Mouse 10kb plasmid UGCZN library"
/note="Vector: PWD4znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 23;
                                                                                                                                                                                                                                                                                                           clone UUGC1M0056008 F, genomic survey sequence.
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86.4%; Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: O column: 08
Seg primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 23.
Location/Qualifiers
                                                                   22
                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
1079 CTATTAAAAAAAAAAAAAA
                                                                       1 CAAAAAAAAAAAAAAAAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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Best Local Similarity
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Matches

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RESULT 76 BQ590128/c DEFINITION

ORGANISM

ACCESSION VERSION KEYWORDS SOURCE REFERENCE AUTHORS

JOURNAL COMMENT

TITLE

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Edwaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Magnoliophyta; eddicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

El (bases 1 to 17)

El (bases 1 to 18)

El (bases 1 to 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /tissue type="storage root"
/lab_host="EMDH108"
/lab_host="EMDH108"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Vector: pGMVSPORT6; Site_1: Sall; Site_2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Viridiplantae, Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 17)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            orientation:
SP6-Sall-CCACGCGTCG-Sprime-CDNA-polyA-CC-NotI-T7; Not.
Sequencing granted in the context of the GABI-Beet proj
Acal Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c 0 g
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E012715-024-017-B22-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-B22 3-PRIME, mRNA sequence.
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             cDNA clone 024-018-B24 3-PRIME, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="GABI:189432"
/db_xref="taxon:161934"
/clone="024-018-B24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
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                                            BQ590687
BQ590687.1 GI:26120270
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ORGANISM
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BQ591177/c
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/lab host="EMDH10B"

/lab host="EMDH10B"

/clone lib="MPIZ-ADIS-024 storage root"

/note="Vector: pGMVSPORT6; Site_1: Sall; Site_2: Not1;

CDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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[aryophyllales; Amaranthaceae; Beta.

[bases 1 to 17)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Prungowski,M., Stall,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
Contact: Weisshaar B
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/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
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E012843-024-019-E19-T7 MPIZ-ADIS-024-storage root Beta vulgaris CDNA clone 024-019-E19 3-PRIME, mRNA sequence.
      Gaps
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MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215.062851
      3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Insert Length: 17 Std Error: 0.00 Plate: 19 row: B column: 19 Seg primer: T7; GTAATACGACTACTATAGGGG. Location/Qualifiers
   Mismatches
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/clone="024-019-E19"
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100.0%; Pic
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Best Local Similarity
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19;
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Source

FEATURES

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Gaps . 0

EST 06-DEC-2002

DEFINITION

RESULT 77 BQ590687

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BASE COUNT

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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B 7 (2002)

ADIS DNA core facility at MPIZ

MAX-Planck-Institute for plant Breeding Research Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492115062851

Email: weisshaa@mpir-koeln.mpg.de
Insert Length: 18 Fcd Error: 0.00
Plate: 19 row: E column: 24
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                             /tissue type="".inflorescence"
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cDNA library from sugar beet, library provided by KNS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                   orientation:
SP6-Sall-CCACGGTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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1 (bases 1 to 18)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
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'cultivar="KWS2320 (double haploid, monogerm breeding line
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E012844-024-019-E24-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-019-E24 3-PRIME, mRNA sequence.
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                    Insert Length: 18 Std Error: 0.00
Plate: 7 row: P column: 18
Seq primer: SP6; CATACGATTAGGTGACACTATAG.
Location/Qualifiers
                                                                                                                                                            organism="Beta vulgaris"
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                                                                                                                                                                                                                                                                     |db_xref="GABI:184018"
|db_xref="taxon:161934"
|clone="024-007-p18"
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Caryophyllales; Amaranthaceae; Beta.

Caryophyllales; Amaranthaceae; Beta.

Caryophyllales; Amaranthaceae; Beta.

I bases 1 to 18)

Herwiga; R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Construction of a 'unigene' cDNA clone set by oligonucleotide
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Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

MAX-Planck-Institute for Plant Breeding Research
Fax: 00492215062851

Email: weisshaa@mpiz-koeln, mpg.de
                    and Radelof, U.

Construction of a 'unigene' CDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B
ADIS DNA core facility at MDIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
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Plate: 17 row: B column: 22
Seq primer: 77; GTAATAGGACTAATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Beta vulgaris"
/mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="GABI:188948"

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/note="Vector: pGMVSPORT6; Site 1: Sal1; Site 2: Not1;

CDNA library from sugar beet, library provided by KWS

/kinwanzlebener Saatzucht AG Einbeck, Germany, contact:

b.schulz@kwe.de; cloning sites Sal1-Not1, primer sites and
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Sequencing granted in the context of the GABI-Beet project
. local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c 0 g 17 t
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw042 (gri 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Loases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ307313

1M0008H20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0008H20 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
   , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/clone_lib="Mouse_10kb plasmid UGGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                               Gaps
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100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0008 row: H column: 20
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Seg primer: CACACAGGAAACAGCTATGACC
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Location/Qualifiers
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Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                     SP6-SAIL-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project 'local Pri Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/lab_host="EMDH108"
/lab_host="EMDH108"
/clone lib="MPIZ-ADIS-024-storage root"
/note="Westor: pcMYSPORT6; Site_1: Sall; Site_2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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/cultivar="KW82320 (double haploid, monogerm breeding line
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100.0%; Pred. No. 98;
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                             /clone_lib="MPIZ-ADIS-024-storage root"
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Insert Length: 19 Std Error: 0.00
Plate: 14 row: B column: 24
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                          /tissue_type="storage root"
/lab_host="EMDH10B"
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/clone="024-014-B24"
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clone="024-019-E24"
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Malmoud, M., Mongey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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19 bp DNA linear GSS 29-SEP-200
1M0018K17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0018K17 R, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0018 row: K column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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                                                                                                              1.5%; Score 17; DB 100.0%; Pred. No. 1e+tive 0; Mismatches
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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Location/Qualifiers
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clone="UUGC1M0018K17"
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Best Local Similarity 100.0
Matches 17; Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinaired with T4 DNA polymerase and T4 polynucleotide kinaired with T4 DNA polymerase and T4 polynucleotide kinaired with migh molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwall (gil 4732114 | gb| AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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19 bp DNA linear GSS 29-SEP-2000
1M0018E21R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0018E21 R, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mummalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Johns 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGCIM0018E21"
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Location/Qualifiers
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AZ340311.1 GI:10415441
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AUTHORS
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                          AZ317743 linear GSS 29-SEP-200
MN0358B18R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0036B18 R, genomic survey sequence.
AZ317743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                            1.5%; Score 17; DB 1; Lengtn 1.,
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0036 row: B column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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1.5%; Score 1/; De. Best Local Similarity 100.0%; Pred. No. 16+*
Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gillectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gb | AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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                                                                                                                                                                        Length 19;
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                                                                                                                                                                     1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
latert Length: 10000 Std Error: 0.00
Plate: 0072 zow: H column: 15
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC1M0072H15"
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Location/Qualifiers
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AMJ104246 MOUSE 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0110B24 F, genomic survey sequence.
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     Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 bases 1 to 19.

Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Wector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                         Length 19;
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                                                                                                                                    Score 17; DB 1;
Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunmogenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0110 row: B column: 24
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100.0%; Pred. No. 100.0%; O; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/64"
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/clone="UUGC1M0110B24"
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Mus musculus
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dusne whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0088A10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0088A10 F, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0308 cow: A column: 10
Seq primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0088A10"
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Mus musculus
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Best Local Similarity 100.0'
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0127D10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
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                                                                                                                                                                          17; Conservative
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                                                                                                                        Query Match
Best Local Similarity
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                                                                            SASE COUNT
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AZ374409
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 0 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                 AZ365696 19 bp DNA linear GSS 02-OCT-200
1M0112A07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0112A07 R, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackss Laboratory Mouse DNA Resource
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                                                                                                                                                                             0,
                                                                                                                        1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
ative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0112 row: A column: 07
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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clone="UUGC1M0112A07"
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Mus musculus (house mouse)
Mus musculus
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                                                                                                                      Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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84112, US
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ORGANISM
                                                                            BASE COUNT
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AZ365696
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Laboratory Mouse DNR Resource
Laboratory Mouse DNR Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0127D10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0127D10 F, genomic survey sequence.
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0
                                                                                                                                     Score 17; DB 1; Length 13, Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunnagemetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0127 row: D column: 10
Seq primer: CGTYGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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Query Match
Best Local Similarity
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AZ385952
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AUTHORS
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_lobe plasmid_UUGCIM_library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/http://www.jax.cog/resources/documents/dnares/). The DNA
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Mus musculus

Mus musculus

Mus musculus

Matayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." a 0 0 0 t t
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1M0127F04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0127F04 R, genomic survey sequence.
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                                                                                           Score 17; DB 1; Length 19; Pred. No. 1e+02;
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Insert Length: 10000 Std Brror: 0.00
Plate: 0127 row: F column: 04
Seg primer: CACACAGGAAACAGCTATGACC
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC1M0127F04"
                                                                                                               1.5%; Score 17;
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                                                                                                                                                              Conservative
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Fax: 801 585 7177
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AZ374619
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TITLE

COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAD42 (gil 4732114 | gb | AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1 (bases 2 to 19)
1 (bases 3 to 19)
1 (bases 3 to 19)
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/close_lib="Mouse_lokb_plasmid UTGCIM_library"
/note="Vector: PWD42ny; Purified genomic_DNA_from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177

Email: ddunmagenetics.utah.edu

Ensert Length: 10000 Std Error: 0.00

Plate: 0144 row: L column: 10
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Class: plasmid ends
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Location/Qualifiers
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/sex="Male"
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1084 AAAAAAAAAAAAA 1100
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Matches 17; Conservative
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DEFINITION
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                   AZ391509 19 bp DNA linear GSS 03-0CT-200
1M0153K08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0153K08 R, genomic survey sequence.
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/clone_llb="Mouse_l0kb plasmid UGGZNM library"
/note="Vector: PWD42nv; Purlfied genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                      ch 1.5%; Score 17; DB 1; Length 19; I Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Exror: 0.00
Plate: 0153 row: K column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0153K08"
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Mus musculus
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Fax: 801 585 7177
                                                                                                                      Query Match
Best Local Similarity
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AZ391509
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electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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19 bp DNA linear GSS 03-0CT-2000
1M0182P04F Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGCLM0182P04 F, genomic survey sequence.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Waiversity of Utah
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Roilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/note="Wector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0182 row: P column: 04
Seq primer: GGTTGTAAAAGGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0182P04"
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Location/Qualifiers
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Mus musculus
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AZ422604
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                                                                                                                                                                                                                                                                                                                                  GSS 03-OCT-2000
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Musmala; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dun, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
                                                                                                                                                                                                                                                                                                                         AZ414413
1M0188013R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0188013 R, genomic survey sequence.
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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                                                                      1.5%; Score 17; DB 1; Length 19; 100.0%; Pred. No. 1e+02; O; Indels
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0188 row: 0 column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Matches 17; Conservative
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Rm. 308, Bio
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VERSION
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AUTHORS
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SOURCE
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polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored blunt ends in high molar excess. The adaptored bnA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwh042 [g1] 4732114 |gb| |kr129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyai,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0201 row: B column 22
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Seq primer: CGTTGTAAAACGACGCCAGT
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/strain="C57BL/6J"
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Location/Qualifiers
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AZ422604.1 GI:10546617
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Unpublished
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AUTHORS
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KEYWORDS
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[http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi |4732114|gp|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I tases 1 to 19)

Dunn,D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0204020F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0204020 F, genomic survey sequence.
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/lab.host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab.host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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84112, USA
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                                                                                                             1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
vative 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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/clone="UUGCIM0204020"
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Mus musculus
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Fax: 801 585 7177
                                                                                                           Query Match
Best Local Similarity
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AZ424716/c
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwb42 (gil #732114 gb | AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad g \quad 19 \quad t \quad 0
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1M0233D01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0233D01 F, genomic survey sequence.
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Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clome_lib="Mouse lokb plasmid UUGCNI library"
/note="Wetcr: PWD4znr; Purlied genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Matches 17; Conservative
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84112, US
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AZ453930/c
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/Jab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10%b plasmid UUGCIM library"
/note="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWNA2 (gil 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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Mus musculus
Mus musculus
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Musmmalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 19)
Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Muse Whole genome scaffolding with paired end reads from 10kb
AZ442365
1M0236C13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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                                                                                                                1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0236 row: C column: 13
Seq primer: CGTTGTAAAACGACGCCAGT
class: plaemid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Best Local Similarity
Matches 17; Conserv
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COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwalot (gil 4732114 [gpl AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                        Score 17; DB 1;
Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunmgenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0255 row: G column: 11
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Seg primer: CACACAGGAAACAGCTATGACC
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." _{\rm A}
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Stokes, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0266E03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0266E03 R, genomic survey sequence.
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                                                                                                            1.5%; Score 17; DB 1; Length 19;
[00.0%; Pred. No. 16+02;
[ve 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Flate: 266 row: E column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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High quality sequence stop: 19.
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwelve (giff 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Dipublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/clone lib="Mouse 10%b plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0286 row: E column: 11
Seq primer: CGTTGTAAAACGACGCCAGT
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/strain="C57BL/6J"
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/clone="UUGC1M0286E11"
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// Jab_host="Serial Train XL10-Gold, T1-resistant, F-"
// Lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
// Clone lib="Mouse 10kb plasmid UVGCIM library"
// Clone lib="Wector: PWADADY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWAD42 (gil 4772114 [pb] AR129072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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AZ476576
1M0295F04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0295F04 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Sciurognathi; Muridae; Murinae; Mus.
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Insert Length: 10000 Std Error: 0.00
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 19.
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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(http://www.iax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWMD42 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1 0 c 0 g 19 t
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Mamaalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
181am,H., Longacres,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly
1M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Km. 308, Biomedical Polymers Research Bldg., 20
84112, USA
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                                                                                                                             1.5%; Scc...
100.0%; Pred. No. 1...
1... 0; Mismatches
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0315 row: D column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Location/Qualifiers
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                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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/db_xref="taxon:10090"
/clone="UUGC1M0350B04"
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Mus musculus
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Tel: 801 585 5606
Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0323E17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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polynucleotide Kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored bnA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNM-2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was light adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Westor: PWD42nv; Purified genomic DNA from M-
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Insert Length: 10000 Std Error: 0.00
Plate: 0350 row: B column: 04
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/strain="C57BL/60"
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was hydrodanaically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMADA2 (grif 47321141gbl AR129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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1M0363M16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0363M16 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
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/strain="C57BL/6J"
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High quality sequence stop: 19.
Location/Qualifiers
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/clone="UUGC1M0363M16"
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Mus musculus
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AZ579119.1 GI:11693580
                                                                                                                                                                                                                                        /sex="Male"
                                                                                                                      Query Match
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Matches 17; Conservative
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Fax: 801 585 7177
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
  adaptored vector DNA, and transformed into cells chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 0 0
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                                                                                                                                                   Gaps
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and transformed into
                                                                                                        Length 19;
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1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0388 row: M columu: 11
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tive 0; Mismatches
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Class: plasmid ends

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/organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"

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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0388M11"
                                                                                                              Score 17;
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                                                                                                              1.5%;
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Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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1M0391D21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0391D21 F, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackso
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00.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0391 row: D column: 21
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
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1.5%; occas, ..., --
Best Local Similarity 100.0%; Pred. No. 1e+
Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAPA2 (gil 4732114 [gb] AR129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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1M0404C09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0404C09 R, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Winversity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                                           1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0404 row: C column: 09
Seq primer: CACACAGGAAACAGCTATGACC
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177
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SOURCE
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0445P16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0445P16 R, genomic survey sequence.
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3. 1e+02;
0; Indels
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Insert Length: 10000 Std Brror: 0.00
Plate: 0445 row: P column: 16
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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'clone="UUGC1M0445P16"
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Mus musculus
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                                                                                                                                                                        17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., 181am, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome
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                                                                                                                                                 Query Match 1.5%; Score 17; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 16+02; Matches 17; Conservative 0; Mismatches 0; Indels
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Mus musculus
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AZ633821
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 19 t
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
And Wright, D., Weiss, R.,
Rokes, M., Rose, R.,
Musce, Whole genome scaffolding with paired end reads from 10kb
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1M0486E01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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                                                                                             Score 17; DB 1; Length 15, Pred. No. 1e+02;
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Insert Length: 10000 Std Error: 0.00
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100.0%; Pred. No. rc.
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Blate: 0486 row: B column: 01
Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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                                                                                                                                   Local Similarity 100.0
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil472114[gb]AR129072.1); a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." a 0 c 0 g 0 t
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84112, USA
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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0
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0489 row: H column: 15
Seq Primer: GGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c 0 g 0 t
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., M., Rose,M., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0507D18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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                                                                                                                   Length 19;
                                                                                                                                                           0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0507 row: D column: 18
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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le+02;
                                                                                                                          100.08; Pred. ...
                                                                                                            1.5%; Score 17;
00.0%; Pred. No.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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clone="UUGCIM0507D18"
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                                                                                                   Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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AZ643659
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TITLE

COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMA2 (gil/4732114 |gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0508 row: E column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Chases 1 to 19)
Count, D., Aoyagi, A., Baxber, M., Beacorn, T., Duval, B., Hamil, C., Mu, Rose, M., Rose, R., Stokes, R., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished
                                                                                                                                                                                                                                                                                                                               AZ648335
1M0517L16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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                                                                                                  Score 17; DB 1;
Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0517 row: L column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwAp42 (gil #732114 [gb] AR129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

L Onpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ649888 11-DEC-2000 1M0519E15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0519E15 R, genomic survey sequence.
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
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100.0%; Pred. No. 1e+02;
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Laboratory Mouse DNA Resource
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Fax: 801 585 7177
Bmall: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Flate: 0519 row: E column: 15
Seq primer: CACACAGGAAACAGCTATGACC
class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0519E15"
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                                                                                                                                                                                   Local Similarity 100.
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Mus musculus
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ses 17; Conserv
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0560H03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0560H03 R, genomic survey sequence.
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/clome_lib="Mouse_lokb plasmid UGCIM library"
/note="Wector: PWD4ZLN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Eax: 801 585 7177
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: H column: 03
Seg primer: CACAGGARACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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'organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GSS.
                                                                                                                   Query Match
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                                                                      SASE COUNT
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AZ764497
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KEYWORDS
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COMMENT

SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pwalvel (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0 \quad 0
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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1M0560E16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Unun, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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/clone lib="Mouse lokb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
muscullus C57BL/6J (male) was obtained from the Jackson
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0
                                                                                                                                                       Length 19;
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                                                                                                                                              Score 17; DB 1;
Pred. No. 1e+02;
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0560 row: E column: 15
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                                                                                                                           1.5%; Scc...
100.0%; Pred
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/db_xref="taxon:10090"
/clone="UUGCIM0571L23"
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Mus musculus
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                                                                                                                  Query Match
Best Local Similarity 100.(
Matches 17; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Bukaryota, Metazoa, Chordata, Giurognathi, Muridae, Murinae, Mus.

I (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longace, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
A., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
Dinpublished
adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1 0 c 0 g 0 t
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1M0560P14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560P14 R, genomic survey sequence.
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/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library."
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
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                                                                                                                       Length 19;
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1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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100.0%; Pred. No. 1e+
ative 0; Mismatches
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
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Best Local Similarity
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Rm. 308, Bio
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AUTHORS
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KEYWORDS
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinaise. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gb) AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0571L23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic cone UUGC1M0571L23 R, genomic survey sequence.
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/clone_lib="Mouse_10kb_plasmid_UGCIM_library"
/note="Vector: PWD42nv; Purified genomic_DNA_from M.
musculus_C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunngenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0571 row: L column: 23
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Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/65"
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AZ778858

à g KEYWORDS

TITLE

COMMENT

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Similarity
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Best Local Simil
Matches 17;
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KEYWORDS
SOURCE
ORGANISM
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DEFINITION
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adaptored vector DNA, and transformed into chemically-competent E. coli Xil0-Gold (Stratagene) cells and selected for ampicillin resistance."

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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islamh,H., Longacze,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D.,Weiss,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                           19 bp DNA linear GSS 16-FEB-200
smid UUGC1M library Mus musculus genomic
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Twector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
                                                                                                                                                                                 Gaps
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                                                                                                                       1.5%; Score 17; DB 1; Length 19; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Faxis doun@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC2M0014020"
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GSS.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMADA2 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \qquad 0 \qquad 0 \qquad 0
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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2M0016E16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Pred. No. 1e+02;
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0016 row: E column: 16

Seg primer: CACACAGGAAACAGCTATGACC
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100.0%; Pred. No. ...
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNADA2 (gil 4732114 [gb | AFP29072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unpublished
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                                                                                                                                                1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 5td Error: 0.00
Plate: 0021 row: 0 column: 03
Seq primer: CACACAGGAAACAGCTAATGACC
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les 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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Mus musculus (house mouse)

Mus musculus (house mouse)

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (base; 1 to 19)

5 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacze,S., Mahmoud,M., Menen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

and Wright,D.,Weiss,R.

blamid inserts

L Unpublished

Contact: Robert B. Weiss

University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112. USA
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G77BL/60 (male) was obtained from the Jackson
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                                                                                                                                    1.5%; Score 17; DB 1; Length 19; 100.0%; Pred. No. 1e+02; ive 0; Mismatches 0; Indels
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Fax: 801 585 7477
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Fax: 801 585 7477
Insert Length: 10000 Std Error: 0
Plate: 0034 row: M column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/finares/). The DNA
was hydrodynamically sheared by repeated epssage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated epssage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
10.5 kb range using preparative agarose gel
10.5 kb range using preparative agarose gel
10.6 kd range using preparative agarose gel
10.7 kd range using preparative agarose gel
10.8 kd range using preparative agarose gel
10.9 kd plasmid R1. The vector was ligated
10.1 kd daptors complementary to the insert adaptors and
10.1 kd plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyai,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0034124R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0034124 R, genomic survey sequence.
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                                                                                                                                                Length 19;
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                                                                                                                                             1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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'organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC2M0034I24"
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Fax: 801 585 7177
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84112, USA
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 gb | AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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10. (bases 1 to 19)
11. (bases 1 to 19)
12. (bases 1 to 19)
13. (bases 1 to 19)
14. (bases 1 to 19)
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17. (bases 1 to 19)
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/clome lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Insart Length: 10000 Std Brror: 0.00
Plate: 0037 row: G column: 06
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Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Query Match
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AUTHORS
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Tel: 801 S85 5606
Fax: 801 585 7177
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 0 9 19 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                 AZ/9Z/13
2M0045C22F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0045C22 F, genomic survey sequence.
AZ792713
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/clone lib="Mouse 10kb plasmid UUGCIM library."
/hote="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                            Length 19;
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Best Local Similarity 100.0%; Pred. No. 16+02;
Matches 17; Conservative 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0045 row: C column: 22
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Mus musculus
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SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwmD42 (gil#732114 gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D.; Aoyad; A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0049C12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0049C12 R, genomic survey sequence.
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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84112, USA
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Fax: 801 585 7177
Email: ddvun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0049 row: C column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/67"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0049C12"
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Mus musculus
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84112, USA
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12, USA
chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                        AZ801970
2M0060112R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                         DB 1; Length 19;
1e+02;
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Fax: 801 585 717
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0060 row: I column: 12
Seq primer: CACAGGAAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 19.
                                                                                                                                       1.5%; Score 17; DB 100.0%; Pred. No. 1e+tive 0; Mismatches
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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'clone="UUGC2M0060112"
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Mus musculus
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Matches 17; Conservative
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TITLE

COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWMD42 (gil#132114 gblAF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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2M0095E17F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0095E17 F, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus

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Muscaca; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

10 (bases 1 to 19)

11 (bases 1 to 19)

12 (bases 1 to 19)

13 (bases 1 to 19)

14 (bases 1 to 19)

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18 (
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M musculus G57BL/60 (male) was obtained from the Jackson Laboratory Mouse DNA Resource,
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100.0%; Pred. No. 16+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Fax: 801 585 7177
Fax: 801 585 7177
Insert Length: 10000 Std Error: 0
Plate: 0.095 row: E column: 17
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: Plasmid ends
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/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0095E17"
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Mus musculus
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/lab host="B. Coli strain XLI0-Gold, Ti-resistant, F-"
/clone_lib="Wouse 10kb plasmid UUGCIM library"
/note="Wotor: FWD42nr, Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated excess. The shout end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gfrom a derivative
of pMPA2 (gil |4722114|gb|AR129072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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AZ841581
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Mus musculus (house mouse)
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
(bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                0; Indels
                                                                                                             Query Match 1.5%; Score 17; DB 1; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: G column: 08
Seq primer: CACAGGAAACAGGTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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/clone="tuuGc2M0139G08"
/sex="Male"
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/organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at conseant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWAPA2 (gil 4732114 gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0
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Dunn, D., Aoyagi, A.) Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                         1.5%; Score 17; DB 1; Lengtn 1.2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddwnn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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clone="UUGC2M0139A16"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                                                                             Best Local Similarity 100.0
Matches 17; Conservative
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AZ861896
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AZ861896
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                                                                                                                                                                            AZ853220 19 bp DNA linear GSS 21-FEB-2001 2M0156J15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0156J15 F, genomic survey sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, R., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                      Length 19;
                                                                                                                                                                   0; Indels
                                                                                                             Score 17; DB 1;
Pred. No. 1e+02;
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Insext Length: 10000 Std Error: 0.00
Plate: 0156 row: J column: 15
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                   1.5%; Scc...
100.0%; Pred. No. ...
... 0; Mismatches
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 19.
Location/Qualifiers
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clone="UUGC2M0156J15"
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                                                                                                                                                                                                                1084 AAAAAAAAAAAAA 1100
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                                                                                                                                                                 17; Conservative
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Fax: 801 585 7177
                                                                                                                                          Best Local Similarity
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AZ853220
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pwab42 (gql 4732114 [gpl AR129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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GSS 21-FEB-2001
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ861896 19 bp DNA linear GSS 21-FEB-200
2M0168P10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0168P10 R, genomic survey sequence.
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/clone lib="Mouse lokb plasmid UGGCM library"
/note="Weetor: PWD42nv; Purified genomic DNA from M.
musculus CS7BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                    Gaps
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0
                                                                                                                       core 17; DB 1; Length L>;
Pred. No. 1e+02;
--nhes 0; Indels
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                                                                                                                                                      Similarity 100.0%; Pred. No. ....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: C
Blate: 0168 row: P column: 10
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0168P10"
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Location/Qualifiers
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                                                                                                                                                                                                                 17; Conservative
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Fax: 801 585 7177
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Query Match
Best Local S
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AZ985501
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ORGANISM
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                A2936798
2M0193L10R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0193L10 R, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UNGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jacks
Laboratory Mouse DNA Resource
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                                                                                                                 1.5%; Score 17; DB 1; Length 19;
100.0%; Pred. No. 16+02;
tive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Faxial: ddnn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Rm. 308, Bio
USA
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                                                                     BASE COUNT
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AZ936798
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 |gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 1 0 0 0 0
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/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PW45Tav; Purified genomic DNA from M.
musculus G57BL/6J (female) was obtained from the Jackson
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malan, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ985501
2M0267E21F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0267E21 F, genomic survey sequence.
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84112, USA
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                                                                                                                                                              1.5%; Score 17; DB 1;
100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0267 row: E column: 21
Seg primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/63"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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clone="UUGC2M0267E21"
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Location/Qualifiers
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/lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/lone="Vector: PWD42rr, Purified genomic DNA from M.
/note="Vector: PWD42rr, Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 \quad 0 \quad 0 \quad 0
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M028B121F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M028B121 F, genomic survey sequence.
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84112, USA
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100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0
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Insert Length: 10000 Std Error: 0.00
Plate: 0288 row: I column: 21
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0288121"
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Mus musculus
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                                                                                                                                                       17; Conservative
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Fax: 801 585 7177
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Best Local Similarity
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BH000498
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: frazer.murray@bbsrc.ac.uk
GCGGCCCCTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                                                          Gaps
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100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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Pred. No. 1e+02;
                                                            Similarity 100.0%; Pred. No. 1e+
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Gallus gallus"
/mol_type="mRNA"
/db_xref="taxon:9031"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Frazer Murray
Dept. Genomics and Bioinformatics
Roslin, Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Clonetech (*6854-1)"
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Location/Qualifiers
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BP Chicken Brain Library
Unpublished
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Gallus gallus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 20)

Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T., Gohellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M. Generation and analysis of 280,000 human expressed sequence tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /dev stage="49 year old"
/lab host="SOLR cells (kanamycin resistant)"
/lab host="SOLR cells (kanamycin resistant)"
/lone_lib="Stratagene ovary (#937217)"
/note="Organ: ovary; Vector: Bluescript SK; Site_1: EcoRI;
Site_2: XhoI; Cloned unidirectionally. Primer: Öligo dT.
Foral ovary tissue, normal, caucasian. Average insert
size: 0.8 kb; Uni-ZAP XR Vector: ~5' adaptor sequence: 5'
GAATICGGCACGAG 3' ~3' adaptor sequence: 5'
                                                                          /done lib="Agg-1"
/clone lib="Agg-1"
/clone lib="Agg-1"
/clone lib="Agg-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (59-1-6,
sacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
a 0 c 0 g 20 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              150579 20 bp mRNA linear EST 06-FEB-1995 photology (#937217) Homo sapiens CDNA clone (MAGE:77095 5' similar to contains L1 repetitive element, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: est@watson.wustl.edu
Source: INAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                          Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
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                   /mol_type="mRNA"
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Location/Qualifiers
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T50579.1 GI:652439
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/wol_type="mrxna"
/wol_type="mrxna"
/db_xref="taxon:9031"
/clone="RoS061D01"
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/clone_lib="BP Chicken Brain Library"
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/stage="wector: pSPORT1; Site 1: Not1; Site 2: Sall; Cloned
unidirectionally. Primer: Oligo dr. 5' adaptor sequence:
5' TCGACCTCGAG 3'; 3' adaptor sequence: 5'
GCGGCCCTTTTTTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from
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S39F5 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW334823
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Saulian, A.C., Arnold, J., Weise, M., Wunderlich, J., Staben, C., Edman, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
                                                                                                                                                                                                                                             Gallus gailus
Galwaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
1 (bases 1 to 20)
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School of Biological Sciences
University of Kentucky
1011 Morgan Building, University of Kentucky, Lexington, KY
40506-0225, USA
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Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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Location/Qualifiers
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BP Chicken Brain Library
  GI:13192761
                                           Gallus gallus (chicken)
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Matches 17; Conservative
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Fax: 606 257 1717
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: M13F.
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  AL587727.1
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreals. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                     AZ333980 29-SEP-2000 1M0063K10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0063K10 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longare, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/clone_lib="Mouse lokb plasmid UNGCNM library."
/note="Wector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                    Gaps
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0
and selected for ampicillin resistance." 0 c 0 g 20 t
                                                                                      Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                            1084 AAAAAAAAAAAAA 1100
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Westor: PWD42nr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AFL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                      1M0009M20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0009M20 R, genomic survey sequence.
AZ307671
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Fai: 801 585 566
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0009 row: M column: 20
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/mol type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0009M20"
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AZ307671/c
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REFERENCE AUTHORS

KEYWORDS SOURCE

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us09904568-1.rst

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Matches 17; Conservative
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                       AZ341237
1M0073G03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab host="E. Coli strain XIIO-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson
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0; Indels
and selected for ampicillin resistance."
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                                                                        / Match 1.5%; Score 17; DB Local Similarity 100.0%; Pred. No. 10+les 17; Conservative 0; Mismatches
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Seg primer: CACACAGGAAACAGCTATGACC
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'mol_type="genomic DNA"
'strain="C57BL/63"
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University of Utah Genome Center
University of Utah
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clone="UUGC1M0073G03"
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Location/Qualifiers
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Insert Length: 10000 Std Erro
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@qenet
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                    AZ341530
1M0073N21R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0073N21 R, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note=""Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                           Score 17; DB 1; Length 20, Pred. No. 1e+02;
and selected for ampicillin resistance." 0 c 0 q 1 t
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100.0%; Pred. No. 100.0%; Pred. No. 100.0%; Pred. No. 100.00
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0073 row: N column: 21
Seq primer: CACACAGGAAACAGCTATGACC
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AZ343031

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KEYWORDS

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                                                                                                        Local Similarity 100.
hes 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                               AZ343031 20 bp DNA linear GSS 29-SEP-2000 1M0076F13F Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0076F13 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., i. Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                       Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; es 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 d t
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University of Urah Genome Center
University of Utah
Rm. 309, Biomedical Polymers Research Bldg., 20
84112, USA
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Insert Length: 10000 Std Error: 0.00
Plate: 0076 row: F column: 13
Seq primer: GGTGTAAAAGGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/strain="C57BL/6J"
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clone="UUGC1M0076F13"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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                        SASE COUNT
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(http://www.nac.un. or nearly contents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129172.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Pm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A.)

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Muse Whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                        Gaps
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                                               1.5%; Score 17; DB 1; Length 20;
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: G column: 17
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0080G17"
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of pWDs2 (gi|472114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
TR. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mummalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (2020)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mesnen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unpublished
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/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                   Query Match
1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Eax: 801 585 7177
Email: ddunnagenetics.utah.edu
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Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
FR. 1308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                   Length 20;
and selected for ampicillin resistance." 0 c 0 g 0 t
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Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches (
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                              AZ369734 20 DNA linear GSS 02-0CT-2000 1M0120024F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0120024 F, genomic survey sequence.
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                                                               1.5%; Score 17; DB 1; Length 20;
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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(http://www.njax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified a size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacrer, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
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University of Utah Genome Center
University of Utah
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                                                      Tel: 801 585 5606
Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gij 473214] gb]hR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Bunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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   and selected for ampicillin resistance." 0 c 0 g 0 t
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Class: plasmid ends
High quality sequence stop: 20.
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Fax: 801 585 7177
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                  1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0145 row: C column: 11
Seg primer: CACACAGGAAACAGTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
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/organism="Mus musculus"
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
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Junally, Advadi, Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mand Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                      1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0236 row: B column: 11
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Class: plasmid ends
High quality sequence stop: 20.
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/mol_type="genomic DNA"
/strain="C57BL/63"
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0236B11"
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Fax: 801 585 7177
Email: ddunn@genet
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Unquablished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
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100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance." 0 c 0 g 0 t

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    /organism="Mus musculus"

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(http://www.iax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreasis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129702.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
TRM. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42zry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                               1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert.bength: 10000 Std Error:
Plate: 0300 row: P column: 01
Seg primer: CGTTGTAAAACGACGGCCAGT
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/organism="Mus musculus"
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/clone="UUGC1M0300P01"
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High quality sequence stop: 20.
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Fax: 801 585 7177
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AZ479464/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                               1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0297 row: E column: 23
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 20.
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Fax: 801 585 7177
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                 th 1.5%; Score 17; DB 1; Length 20; Similarity 100.0%; Pred. No. 10+02; 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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University of Utah Genome Center
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/strain="C57BL/6J"
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/clone="UUGC1M0336E05"
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Fax: 801 585 7177
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TITLE

COMMENT

FEATURES

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/sca="maie" observations train XL10-Gold, T1-resistant, F-"
/sca="maie" lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clon=lib="mouse lokb plasmid unGCIM library.
/clon=lib="mouse lokb plasmid unGCIM library.
/note="weetor: PWDADAN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Labozatory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWDA2 (gi|4732114|gb|AF12972.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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Mus musculus

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 20)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1.5%; Score 17; DB 1; Length -
Pred. No. 1e+02;
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0361 row: E column: 11
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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'strain="C57BL/6J"
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High quality sequence stop: 20.
Location/Qualifiers
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Gaps

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muscular C./Burba, (Marle Mar Docalned From the Jackson Imboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purplered selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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AZS81208
4ZS81208.1 GI:11695991
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Unpublished
Unpublished
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Dm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/lab.host="B. Coli strain XLI0-Gold, Tl-resistant, F-"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
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                                                                            1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0
Plate: 0369 row: P column: 15
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence Stop: 20.
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/organism="Mus musculus"
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/clone="UUGC1M0369P15"
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Mus musculus
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G7PBL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                            1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmgenetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0363 row: F column: 11
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/mol_type="genomic DNA"
/strain="C57BL/60"
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Contact: Robert B. Weiss
University of Utah Genome Center
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Location/Qualifiers
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clone="UUGC1M0363F11"
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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and selected for ampicillin resistance." 0 c 0 g 0 t
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University of Utah Genome Center
University of Utah
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                                                                   1.5%; Score 17; DB 1;
llarity 100.0%; Pred. No. 1e+02;
Conservative 0; Mismatches C
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Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
High quality sequence stop: 20.
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Fax: 801 585 7177
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,

Bummalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

I (bases I to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly

AM, Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
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and selected for ampicillin resistance."
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100.0%; Pred. No. 1e+02;
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Fax: 801 585 7177

Email: ddunmagenetics.utah.edu

Insert Length: 10000 Std Error: 0.00

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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Laboratory Mouse DNA Resource
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                                                                 Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0460 row: K column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaemid ends
High quality sequence stop: 20.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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TITLE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AP129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

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1 (bases 1 to 20)
1 (bases 1, to 20)
2 (bases 1, to 20)
2 (bases 1, to 20)
3 (bases 1, to 20)
3 (bases 2, to 20)
3 (bases 3)
4 (bases 3)
5 (bases 4)
5 (bases 4
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musculus C57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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84112, USA
74112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunningenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0460 row: L column: 12
Seq primer: CACACACAAACACTATCACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
20. "Wire musculus"
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch oritice at constant velocity. The Enhance
of not one incontant velocity. The Enhance
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|API29072.1) a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Weissity of Utah
Rem. 309, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                           AZ638704 100498E13R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0498E13 R, genomic survey sequence.
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Eukaryotan.

Mammalia; Butheria, Rodentia; Sciurognathi; Muridae; Murinae; Mus.

Mammalia; Eutheria, Rodentia; Sciurognathi; Muridae; Murinae; Mus.

I (bases I to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.,

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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and selected for ampicillin resistance." 0 g _{\rm 0.0} t
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0
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Mus musculus
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AZ638704.1 GI:11760894
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The Bheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Bukaryota, Metazoa, Chordata; Craniata, Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae, Murinae, Mus.

1 (bases 1 to 20)

Bunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.

Mouse whole genome scaffolding with paired end reads from 10kb

plassid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42rr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                          1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
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Class: plaemid ends
High quality sequence stop: 20.
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Matches 17; Conservative 0; Mismatches
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/clone="UUGCIM0507D18"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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Mus musculus (house mouse)
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Fax: 801 585 7177
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                    AZ645312 20 bp DNA linear GSS 14-DEC-200 1M0510K11R Mouse 10kb plasmid UUGCIM library Mus musculus genomic CODE UUGCIM0510K11 R, genomic survey sequence.
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Laboratory Mouse DNA Resource
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 £td Error: 0.00
Plate: 0510 row: K column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoreais. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mus musculus

Muscayolus

Mammalia; Sutheria; Codentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 20)

Munn, D., Advagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus G57BL/6J (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
Live 0; Mismatches 0; Indels
and selected for ampicillin resistance." 1 c 0 g 19 t
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Insert Length: 10000 Std Error: 0.00
Plate: 0511 row: D column: 03
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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Matches

ACCESSION VERSION KEYWORDS

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REFERENCE AUTHORS

JOURNAL

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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, M., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0520C21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0520C21 F, genomic survey sequence.
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                                                                           ch 1.5%; Score 17; DB 1; Length 20; l Similarity 100.0%; Pred. No. 1e+02; 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." _{\rm 1} 0 c _{\rm 0} g _{\rm 20} t
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Insert Length: 10000 Std Error: 0.00
Plate: 0520 row: C column: 21
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Fax: 801 585 7177
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ORGANISM
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42IV; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Location/Qualifiers
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at contant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gij 473214] gb) ALT13072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.
Plate: 0562 row: H column: 04
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Fax: 801 585 7177
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Mus musculus

Mus pularyotas, Metacas, Chordata, Canniata, Vertebrata, Buteleostomi,

Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.

1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 1 to 20)

Musch, A. Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                          Gaps
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                                                                         1.5%; Score 17; DB 1; Length 20; 100.0%; Pred. No. 1e+02; ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: M column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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clone="UUGC1M0560M02"
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                       Best Local Similarity 100.
Matches 17; Conservative
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                       BASE COUNT
                                                                                                                                                                                                                                                                                                                                  RESULT 174
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AUTHORS
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COMMENT

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AMA/05211 GSS 16-FEB-2001 Linear GSS 16-FEB-2001 LINO562H04F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0562H04 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Mus musculus
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                                                                                  Query Match
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
White Blog, 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                     Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; les 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 g 20 t
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Fax: 801 585 7177
Email: ddum@genetics.utah.edu
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Plate: 0574 xow: A column: 13
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Location/Qualifiers
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FEATURES

KEYWORDS

TITLE

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VERSION

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified asize-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|RF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                  1.5%; Score 17; DB 1; Length 20; 100.0%; Pred. No. 1e+02; tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Class: plasmid ends
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Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
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and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0046 row: C column: 16
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                                                                                            1 Similarity 100.0%; Pred. No. 1e+17; Conservative 0; Mismatches
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1e+02;
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and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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                                                                                        Local Similarity
nes 17; Conserv
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84112, US
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                   SASE COUNT
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COMMENT
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(http://www.iax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gil electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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20 bp DNA linear GSS 16-FEB-2001
2M0046C16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0046C16 R, genomic survey sequence.
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Mus musculus

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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Woctor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/64 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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1.5%; Score 17; DB 1; Length 20; 00.0%; Pred. No. 1e+02; ve 0; Mismatches 0; Indels
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1084 AAAAAAAAAAAAA 1100
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Fax: 801 585 7177
Email: ddunn@geneti
                                                                            Query Match
Best Local Similarity 100.0
Matches 17; Conservative
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Contact: Robert B. Weiss
University of Utah
University of Utah
Win 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                           AZ798529 20 bp DNA linear GSS 16-FEB-2001
2M0055G19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn, D., Aoyagi. Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                  Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Plate: 0055 row: G column: 19
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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ORGANISM
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KEYWORDS
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TITLE

FEATURES

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(http://www.iax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 [gb]AF129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 g 20 t
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Insert Length: 10000 Std Error:
Plate: 0066 row: L column: 14
Seg primer: CGTGTGTAAAACGACGCCAGT
Class: plasmid ends
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Mus musculus
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Similarity
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LOCUS
DEFINITION
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KEYWORDS
SOURCE
ORGANISM
                              SASE COUNT
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2M0068C08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0068C08 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duvai, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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cive 0; Mismatches 0; Indels
and selected for ampicillin resistance." _{\rm 0} c _{\rm 0} g _{\rm 0} t
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Insert Length: 10000 Std Error: 0.00
Plate: 0068 row: C column: 08
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Class: plaemid ends
High quality sequence stop: 20.
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/mol_type="genomic DNA"
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/clone="UUGC2M0068C08"
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                          1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0
Plate: 0068 row: C column: 15
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                               17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreasis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                              AZ810986 20 bp DNA linear GSS 20-FEB-2001 2M0076I20R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0076I20 R, genomic survey sequence.
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 20)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                            1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
                 and selected for ampicillin resistance."
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Seq primer: CACACAGGAAACAGCTATGACC

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    organism="Mus musculus"

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Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brrc
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AZ810986.1 GI:12978793
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es 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                     AZ809306 200 DNA linear GSS 20-FEB-2001 2M0073D15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0073D15 F, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                            Length 20;
                                                                                                                                               0; Indels
and selected for ampicillin resistance."
                                                                                   Query Match 1.5%; Score 17; DB 1; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 17; Conservative 0; Mismatches 0
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Seq primer: CGTTGTAAAACGACGGCCAGT
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
University of Utah
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4412, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: adum@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0073 row: D column: 15
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High quality sequence stop: 20.
Location/Qualifiers
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AZ809306
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Musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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2M0086C20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0086C20 R, genomic survey sequence.
AZ817323. GI:12987327
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10kb plasmid UUGCIM library"
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                                                                                 Query Match
1.5%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
   and selected for ampicillin resistance." 0 c 0 g 0 t
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Insert Length: 10000 Std Error: 0.00
Plate: 0086 row: C column: 20
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

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Mus musculus
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Fax: 801 585 7177
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clone UUGC2M0081F21 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
University of Utah
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, 184112, USA
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/clone_lib="Mouse_lokb plasmid UUGCIM library"
/note="Twetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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and selected for ampicillin resistance." 0 c 0 g 0 t
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Plate: 0081 row: F column: 21
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Class: plasmid ends
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Location/Qualifiers
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                        BASE COUNT
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q10210972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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High quality sequence stop: 20.
Location/Qualifiers
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ817414 2M0086K08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0086K08 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Slam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts
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                                                                                              Query Match 1.5%; Score 17; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 16+02; Matches 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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High quality sequence stop: 20.
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University of Utah Genome Center
University of Utah
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84112, USA
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 301, 585 5606
Fax: 801, 585 7177
Email: ddunnegenetics.utah.edu
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., 181am,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                 Gaps
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and selected for ampicillin resistance." 0 g 0 t
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musculus C57BL/64) (male) was obtained from the Jordson musculus C57BL/64) (male) was obtained from the Jordson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwapet (gil 4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss University of Utah Genome Center University of Utah Genome Center University of Utah WR. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                                                                      AZ818055 20-FEB-2001
2M0087B23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0087B23 R, genomic survey sequence.
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Dunn, D., Aoyagi A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
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                                                                     1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
tive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Fax: 801 585 7177
Email: ddunmgemetics.utah.edu
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Class: plasmid ends
High quality sequence stop:
Location/Qualifiers
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Mus musculus
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AUTHORS
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KEYWORDS
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SOURCE

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Thu Jan

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared mouse DNA was annealed to adaptored vector DNA, and transformed into adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
        and selected for ampicillin resistance."
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                                                                                                     Best_Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
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AZ818816/c
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2M0088K01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0088K01 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/clone lib="Mouse 10bb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                    Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; les 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 2 q 1 t
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Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/strain="C57BL/60"
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University of Utah Genome Center
University of Utah
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Mus musculus
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Fax: 801 585 7177
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0089M05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0089M05 F, genomic survey sequence.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
I (bases 1 to 20)
Dunn, D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weises,R.
And Wright,D.,Weises,R.
Plasmid inserts
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/note="Wetcor: PWD42nv; Purified genomic DNA from M.
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Laboratory Mouse DNA Resource
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1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
ive 0; Mismatches 0; Indels
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214|gb|AP12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 bp DNA linear GSS 20-FEB-2001 2M0132K13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0132K13 R, genomic survey sequence. AZ837491
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/note=""Vector: PWD42ry' Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                          Score 17; DB 1; Length 20; Pred, No. 18+02;
       and selected for ampicillin resistance." 2\ c \ 0\ g \ 0\ t
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Insert Length: 10000 Std Error: 0.0
Plate: 0132 row: K column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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Best Local Similarity 100.0%; Pred. No. 1e+
Matches 17; Conservative 0; Mismatches
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/organism="Mus musculus"
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Fax: 801 585 7177
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2M0094D20R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0094D20 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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ive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., i.M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0139H16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Laboratory Mouse_DNA Resource
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                                                                       Length 20;
and selected for ampicillin resistance." 0 c 0 g 0 t
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Fax: 801 585 7177
Famil: ddunn0genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: H column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                     DB 1;
1e+02;
                                                                  Query Match 1.5%; Score 17; DB Best Local Similarity 100.0%; Pred. No. 1e+Matches 17; Conservative 0; Mismatches
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University of Utah Genome Center
University of Utah
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habozanoly mouse DNA RESOURCE (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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2M0139A10R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0139A10 R, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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and selected for ampicillin resistance."
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Fax: 801 585 7177

Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0139 row: A column: 10
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoreasis. Vector DNA was prepared from a derivative of pWD42 (gi/4732114/gb/APL2972.1). a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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Dum,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                              Score 17; DB 1; Length 20;
Pred. No. 1e+02;
           and selected for ampicillin resistance." 0 c 0 g 0 t
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Length: 10000 Std Errc
0193 row: G column: 23
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                                                                                 Query Match
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Matches 17; Conservative
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Fax: 801 585 7177
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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20 bp DNA linear GSS 27-APR-2001
2M0212102R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0212102 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mumalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (20 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                      Match 1.5%; Score 17; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1e+02; Los 17; Conservative 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0212 row: I column: 02
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/64"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0212102"
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Mus musculus
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch ovifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative electrophoresis.
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2M0233JO1F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0233JO1 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Woctor: PMC4Fara; Purified genomic DNA from M.
musculus C57BL/60 (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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100.0%; Pred. No. 1e+02;
cive 0; Mismatches 0; Indels
and selected for ampicillin resistance."
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Insert Length: 10000 Std Error: 0.00
Plate: 0233 row: J column: 01
Seq primer: CGTTGTARARGACGGCCAGT
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0233J01"
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High quality sequence stop: 20.
Location/Qualifiers
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Mus musculus
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Dlasmid ......
AL Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Rm. 308, Biomedical Secondary
Rm. 308, Biomedical Polymers Research
Rm. 308, Biomed
                                                                                                                                                                                                                                                      /mol type="mrRNA"
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1 a 0 0 9 19 t 1 others
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1M0085A13F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0085A13 F, genomic survey sequence.
AZ348593
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Mus musculus
Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

Mouse whole genome scaffolding with paired end reads from 10kb
Plannid inserts
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       Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
                                                                                                                                                                                Location/Qualifiers
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                                                                                                                                                                                                                                                                                                        21 bp mRNA linear EST 30-APR-1999
DKFZp566N053_r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
AL048777
AL048777.1 GI:4727848
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AL587702 BP Chicken Brain Library Gallus gallus cDNA clone
ROS060H09, mRNA sequence.
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Gallus gallus
Gallus gallus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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Location/Qualifiers
                                                                1.5%; Score 17; DB 1; Length 20;
100.0%; Pred. No. 1e+02;
vative 0; Mismatches 0; Indels
and selected for ampicillin resistance." 0 c 0 g 20 t
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Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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Dept. Genomics and Bioinformatics
Roslin Institute
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BP Chicken Brain Library
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MIPS
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Laboratory Whose DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomocleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Unouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                               from the Jackson
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100.0%; Pred. No. 1.1e+02;
ative 0; Mismatches 0;
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Insert Length: 1000 Std Error: 0
Plate: 0145 row. 0 column: 16
Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0145016"
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Mus musculus
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Best Local Similarity 100.0
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Fax: 801 585 7177
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                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of public derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XII0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Error: 0.00
Plate: 0088 row: C column: 14
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0088C14"
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Fax: 801 585 7177
Email: ddunn@genet
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Gaps

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mol_type="genomic DNA"
strain="c57BL/60"
/db_xref="taxon:1009"
/clone="UUGCIMO149A13"
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Matches 17; Conservative
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="WetCor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/Gocuments/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces get a 9.5 to
10.5 kb range using preparative agarces from a derivative
of pwD42 (gil #4732114|gb]AP129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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1M0145022R Mouse 10kb plasmid UUGClM library Mus musculus genomic
clone UUGClM0145022 R, genomic survey sequence.
AZ386794
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
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Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: O column: 22
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonnoleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi |4732114|gb|RA129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xillo-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0149A13R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0149A13 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
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Weiserity Utah
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
I (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly,
M., Rose, M., Rose, R.,
And Wright, D., Weiss, R.,
Muse whole genome scaffolding with paired end reads from 10kb
Diagnid inserts
/lab_host="E. Coli strain XLIO-Gold, T1-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.(
Plate: 0149 row: A column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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us09904568-1.rst

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gl |4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Unun,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mand Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 30%. Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
   /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Twetcor: PWD42nv; Purified genomic DNA from M. musculus C57BL/6U (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0176 row: E column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
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AZ406936.1 GI:10530949
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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1M0150B10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0150B10 R, genomic survey sequence.
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Junn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
/lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0150 row: B column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligomuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
1112, USA
Fax: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Ensert Length: 10000 Std Error: 0.00
Plate: 0186 row: N column: 08
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
            /lab_host="E. Coli strain XLJO-Gold, Tl-resistant, F-"/clone_lib="Mouse lokb plasmid UUGCIM library."
/note="Wector: PWD42IV; Purified genomic DWA from M.musculus C57BL/6J (male) was obtained from the Jackson
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Class: plasmid ends
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/mol_type="genomic DNA"
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/db xref="taxon:10090"
/clone="UUGCIM0186N08"
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Location/Qualifiers
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AZ412931/c
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/Lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/Lab host="E. Mouse 10kb plasmid UUGCIM library"
/note="WetCor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60' (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dntners/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi| 4732114) gp| AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, M., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5%; Score 17; DB 1; Length 21; 100.0%; Pred. No. 1.1e+02; tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0186 row: D column: 23
Seq primer: CGTGTAAAACGACGGCGAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/clone="UUGC1M0186D23"
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GSS.
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Fax: 801 585 7177
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Gaps 0;

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0267B23"
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Best Local Similarity 100.0
Matches 17; Conservative
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                                                                                                                 (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwb42 (gi|4732114|gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innext adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
WR. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., i.M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
/lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Tel: 601 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Seq primer: CACACAGGAAACAGCTATGACC
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/db_xref="taxon:10090"
/clone="UUGC1M0189M07"
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Location/Qualifiers
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Mus musculus
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Plate: 0189 row: M c
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid UUGCIM library"
/clome lib="Wouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources documents/dnares/). The DNA
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polynucleotide kinase. Adaptor oligonucleotides were
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10.5 kb range using preparative agarose gfrom a derivative
of pWD42 (gil | 4732114 | gb | AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Winpublished Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Ma. 308, Balla, USA

84112, USA
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0267 row: B column: 23

Seq primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 21.

Location/Qualifiers
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musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0436 row: N column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plaamid ends
High quality sequence stop: 21.
Location/Qualifiers
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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/lab host="E. Coli strain XI10-Gold, T1-resistant, F-"
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musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil j4702114|gp]AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
84112, USA
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1 (bases 2 to 21)

1 (bases 3 to 21)

1 (bases 4 to 21)

1 (bases 6 to 21)

1 (bases 1 to 21)

1 (bases 2 to 21)

1 (bases 3 to 31)

1 (bases 4 to 31)
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0276 row: F column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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AUTHORS
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COMMENT
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EDWARDING MARCALLE CHARLES CHARLES VERTEBRARA; ENteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammaliai; Eutherria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 12 1 (Dases 1 to 21)

Sunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., iongacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Grees,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Stokes,R. Tingey,A., von Viederhausern,A. and Wright,D.,Weiss,R. Stokes,R. Tingey,A., von Viederhausern,A. and Wright, D., Weiss University of Utah Genome Center University of Utah Genome Center University of Utah Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Inductions of Mark Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agancse gelectrophoresis. Vector DNA was prepared from a derivative of pWH42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored for ampicillin resistance."
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/lab.host="E. Coli strain X110-Gold, T1-resistant, F-"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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adaptored vector DNA, and transformed into
chemically-competent E. coli Xiii0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Dases 1 to 21)
S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Meiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah
University of Utah
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84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC

    .21
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High quality sequence stop: 21.
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//lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
//clone lib="Mouse 10kb plasmid UUGCIM library"
//note="Vector: PWD42nv; Purified genomic DNA from M.
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and selected for ampicillin resistance."
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0437 row: E column: 12
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Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
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/strain="C57BL/63"
/db_xref="taxon:10090"
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ses 17; Conservative
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by respected passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by respected by the sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMDA2 (gil4732114)gp|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(bases 1 to 21)
Mun, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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Insert Length: 10000 Std Error: 0.00
Plate: 0474 row: G column: 11
Seg primer: CGTTGTAAAACGACGGCCAGT
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/db_xref="taxon:10090"
/clone="UUGC1M0474G11"
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Fax: 801 585 7177
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                            /done lib-wouse loke plasmid UUGCIM library"
/done lib-wouse loke plasmid UUGCIM library"
/note="Voctor: PWD42nv; Purified genomic DNA from M.
musculus G57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
               'lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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Insert Length: 10000 Std Error: 0
Plate: 0474 row: H column: 03
Seq primer: CGTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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/db_xref="taxon:10090"
/clone="UUGC1M0564011"
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                                                                                             Laboratory Mouse DNR Resource
[http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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21 bp DNA linear GSS 14-DEC-200 MD534807F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0534B07 F, genomic survey sequence.
AZ657727
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD4Znv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Moouse 10kb plasmid UUGCIM library"
/note="Tvector: PWD42rry, Purified genomic DNA from M.
musculus C57BL/GU (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated gassage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gol.
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inductible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
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/strain="C57BL/6J"
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Mus musculus
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AZ766552.1 GI:12883741
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Plate: 0564 row: O
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Les 17; Conservative
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Fax: 801 585 7177
Email: ddunn@qenet
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/moi_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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COMMENT
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                                                                                 Imporatory Mouse DNA Resource
[http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 Kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyadi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rellly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
/lab_host="E. Coli strain XLI0-Gold, Tl-resistant, F-"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus GS7BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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l Similarity 100.0%; Pred. No. 1.1e+02;
17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0571 row: L column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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Best Local Similarity
Matches 17; Conserva
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gal electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114[gb]AF129772.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus

Bukaryota; Matazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Musmalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 21)

1 (bases 1 to 21)

2 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

3 Dunn, D., Aoyagi, A., Stokes, R., Tingey, R., von Niedernausern, A.,

M., Rose, M., Rose, R., Stokes, R., Tingey, R., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished

Contact: Robert B. Weiss

University of Utah

University of Utah
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2N0045M12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0045M12 F, genomic survey sequence.
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/note=""Vector: PWD42rv; Purified genomic_DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTTGAAAACGACGCCAGT
Class: plasmid ends
High quality sequence gtop: 21.
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Thu Jan

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/clome_lib="Wouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PWD42IV; Purified_genomic_DNA_from M.
musculus_G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA_Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated for sheared DNA
was blunt end-repaired with T4 DNA polymerses and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarcse gel
electrophoresis. Vector DNA was prepared from a derivative
of pWDAQ2 (gil H772114|gp/AR129072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicilin resistance."
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
A., Rose, M., Rose, R.,
And Wright, D., Weise, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
Dlasmid inserts
Unpublished
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2M0056C09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic Clone UUGC2M0056C09 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: C column: 09
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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COMMENT
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                                                                                                                      musucular C.7-buryou (marler) was operatined from the Jackson Imboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophorsesis. Vector DNA was prepared from a derivative of pND42 (gi [4732114]gb]AF123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
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/note="Wector: PWD42tvv, Purified genomic DNA_from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Brror: 0.00
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Seep primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
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Fax: 801 585 7177
Email: ddunn@genet
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AZ815424 2M0083H11R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGC2M0083H11 R, genomic survey sequence.
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Dum, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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/clone="UUGC2M0083H11"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 5td Erro
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/lab host="E. Coli strain Xil0-Gold, Tl-resistant, F-"
/lab host="E. Coli strain Xil0-Gold, Tl-resistant, F-"
/lone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G0 (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated by respected but end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyadia, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 row: E column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/63"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mus musculus
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/lab host="B. Coli strain Xi10-Gold, T1-resistant, F-"
/clome lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was blut end arepaired by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blut end repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil #4722114/fgb] AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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100.0%; Pred. No. 1.1e+02;
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA Std Error: 0.00

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us09904568-1.rst

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/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Wouse 10kb plasmid UUGCIM library"
/note="Wector: PWD4Znv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil #772114[gb]AF125072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Wen. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Seg primer: CACACAGGAAACAGCTATGACC
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0089110"
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Plate: 0089 row: I c
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1es 17; Conservative
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Fax: 801 585 7177
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VERSION
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/lab host="E. Coli strain XI10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XI10-Gold, T1-resistant, F-"
/loce="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligomuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gril #191A119) AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Rukaryota; Metazoa; Chordata; Craniata; Wuridae; Murinae; Mus.
Bummalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (Dases 1 to 21)
S Dumn, D., Aoyadi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright, D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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2M0112P20F Mouse 10%b plasmid UUGCIM library Mus musculus genomic clone UUGC2M0112P20 F, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0112 row: P column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWADA2 (grif #4732114 [pp] AR129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xil0-Gold (Stratagene) cells and selected for ampicillin resistance."
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/note="Vector: PWD42nv; Purified genomic_DNA_from M.
musculus_CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA_Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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Wins musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 21)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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2M0203K21R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0203K21 R, genomic survey sequence.
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
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/db_xref="taxon:10090"
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Fax: 801 585 7177
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nes 17; Conserv
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SOURCE
ORGANISM
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                                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymurclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (4)1473-114 [pb] ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyad; A.) Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10%b plasmid UUGCIM library"
/note="Twetcor: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Insert Length: 10000 Std Exror: 0.00
Plate: 0142 row: I column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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/strain="C57BL/60"
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University of Utah Genome Center
University of Utah
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/clone="UUGC2M0142I06"
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Best Local Similarity 100.
Matches 17; Conservative
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Fax: 801 585 7177
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AZ843603
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             /close 11b2-Wouse 10th plasmid UUGC2M 11rgestatt, F-"
/close 11b2-Wouse 10th plasmid UUGC2M 11rgestatt, F-"
/note="Weetor: PWD42ny; Purified genomic DNA from M.
musculus G57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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2M0228A01F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0228A01 F, genomic survey sequence.
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100.0%; Pred. No. 1.1e+02;
Live 0; Mismatches 0;
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Fax: 801 585 717
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0228 row: A column: 01
Seq primer: CGTYCAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0228A01"
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Matches 17; Conservative
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//ab.host="E. coli strain XL10-Gold, T1-resistant, F-"
//lab.host="E. coli strain XL10-Gold, T1-resistant, F-"
//lab.host="E. coli strain XL10-Gold, T1-resistant, F-"
//note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/GJ (female) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarces get of plantage using preparative agarces from a derivative
of pMD42 (gil 4732114[gb]AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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2M0288020R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0288020 R, genomic survey sequence.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly and Wright, D., Weiss, R.,
Musse whole genome scaffolding with paired end reads from 10kb
Unpublished
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 $td Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0288020"
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Location/Qualifiers
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AZ309907 22 bp DNA linear GSS 29-SEP-2000 1M0017N14F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0017N14 F, genomic survey sequence.
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 ( Dases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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(db_xref="taxon:4774"

/db_base="taxon:4774"

/db_
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
45056-0255, USA
Tel: 606 257, USA
Fax: 606 257 1717
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88A2 AGS-1 Pneumocystis carinii cDNA 3', mRNA веquence.
AW332399
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bukaryots kungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidacaae; Pneumocystis.
1 (bases 1 to 22)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., St.
J.C., Kovacs,J. and Cushion,M.
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                    Pred. No. 1.1e+02;
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.00.0%; Pred. No. 1.1e+02;
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100.0%; Pre
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Best Local Similarity 100.
Matches 17; Conservative
                                                     Conservative
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Matches 17; Conserv
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                                                         17;
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AW332399/c
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                                                                                                                                                       Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="AGS-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (99-1-6,
sacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
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Pneumocystis carinii
Eukaryota; Fungi, Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
I (bases 1 to 22)
Smulian, A.G., Arnold, J., Weise, M., Wunderlich, J., Staben, C., Edman, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
                                 /lab host="E. coli strain XLIO-Gold, Tl-resistant, F-" /clone_lib="Mouse_10kb plasmid UUGC2M library" /note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (female) was obtained from the Jackson
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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/db_xref="taxon:4754"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: staben@pop.uky.edu.
Location/Qualifiers
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Tel: 606 257 2161
Fax: 606 257 1717
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RESULT 235 AW332181/c

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TITLE COMMENT FEATURES

KEYWORDS SOURCE

BASE COUNT

BASE COUNT

Matches

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Gaps

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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone="UUGC1M0018D18"
                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="Male"
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                                 plasmid inserts
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AZ351527
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Monuse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6U (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dhrup: Jackson
(http://www.jax.org/resources/documents/dhrup: Jackson
(http://www.jax.org/resources/documents/htms/lab.)
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gif 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xii.0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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AZ310066
GSS.
                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0017 row: N column: 14
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:10090"
/clone="UUGC1M0017N14"
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Best Local Similarity 100.
Matches 17; Conservative
                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNR was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNR was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNR was prepared from a derivative of pWD42 (gi|4732114 (gb|APL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chaptors complementary to complementary to compare the sheared, adaptored mouse DNA was annealed to adaptored to adaptored for ampicillin resistance."
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Wersity of Utah
University of Utah
University of Utah
University of Utah
84.112, USA
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Mus musculus
Mus musculus
Mus maculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
I (bases I to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
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1M0089E07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0089E07 R, genomic survey sequence.
A2351527
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/clome_lib="Mouse 10kb plasmid UUGCNM library"
/note="Wector: PWD42In; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                        Std Error: 0.00
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                                                                                                                                                                                                                                                                                    Insert Length: 10000 Std Error: 0 Plate: 0018 row: D column: 18 Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends end: y sequence stop: 22. High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                              Tel: 801 585 7177
Eax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0099 row: M column: 15
Seg primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/60"
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/clone="UUGC1M0099M15"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male
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Best Local Similarity 100.0
Matches 17; Conservative
                          plasmid inserts
Unpublished
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VERSION
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AUTHORS
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SOURCE
                                                 JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114) [gb] ARL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amplian resistance."
                                                                      Contact: Robert B. Weiss
University of Utah
University of Utah
Wm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

    (bases 1 to 22)

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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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1M0099M15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0099M15 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Col; strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: E column: 07
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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1.5%; Score 17; DB
Best Local Similarity 100.0%; Pred. No. 1.1
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGCIM0089E07"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /sex="Male"
                    plasmid inserts
Unpublished
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KEYWORDS
SOURCE
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Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnarces/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 303, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="B. Coli strain XLIO-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/63 (male) was obtained from the Jackson
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SIC,

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source

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|qb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innest adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="E. Coli strain XilO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
   Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 22;
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.00.0%; Pred. No. 1.1e+02;
                                                                                                                                                                                                                                                                                                                                 Insert Length: 10000 Std Error: 0.00 Plate: 0147 row: N column: 14 Seq primer: CACACACGAAACAGCTATGACC Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.1
Best Local Similarity 0, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /wol_type="genomic_DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db xref="taxon:10090"
/clone="UUGC1M0147N14"
                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /sex="Male"
                                   plasmid inserts
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1, .22
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AZ401908/c
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SOURCE
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   TITLE
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 22)
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1M0147N14R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0147N14 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/close_lib="Mouse_lokb plasmid UGGIM library"
/note="Wector: pWD4Znv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Famil: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0127 row: H column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:10090"
/clone="UUGCIM0127H16"
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AZ388103.1 GI:10501811
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Best Local Similarity 100.0
Matches 17; Conservative
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                         plasmid inserts
Unpublished
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GSS 03-OCT-2000

DEFINITION

ACCESSION

VERSION

RESULT 242

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AZ388103

BASE COUNT

ORGANISM

REFERENCE AUTHORS

KEYWORDS SOURCE

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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Wouse lokb plasmid UUGCIM library"
/note=="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range wing preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                  Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0203 row: A column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0203A24"
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Location/Qualifiers
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Mus musculus
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Best Local Similarity 100.C
Matches 17; Conservative
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AZ428818/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  inductions of your Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomocleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi[472114]gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampleillin resistance."
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
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1M0203A24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0203A24 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Wector: PWD4ZLY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                     S. 2030 E., SLC,
whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
iive 0; Mismatches 0; Indele
                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20.
                                                                                                                                                                                                               Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0168 row: P column: 24

Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0
Matches 17; Conservative
                                inserts
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AZ424307/c
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AUTHORS
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Imboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoremis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114) [4] APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicilla resistance."
                                                                                                         Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0272E24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0272E24 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G79BL/60 (male) was obtained from the Jackson
       Mouse whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Error: 0.00
Plate: 0264 row: G column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0264G12"
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
                                         plasmid inserts
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AZ463503/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector. DNA was prepared from a derivative of pWD42 (gi|4732114 jpb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-completent E. coli Xilo-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

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                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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   Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0212 row: A column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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AZ459654.1 GI:10617779
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Fax: 801 585 7177
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habozrory Mouse DNA resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pubAl (gril 47321141gb]AF129072.1). a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xiii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0374J1SR Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0374J15 R, genomic survey sequence.
                          plasmid inserts
Unpublished
Context: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="Male"
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/clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Mouse whole genome scaffolding with paired end reads from 10kb
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1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                                                                    84112, UDAR
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Plate: 0272 row: E column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse to the plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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        Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                           Tel: 601 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
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                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0272E24"
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAPA2 (gil 4772114)[gb]AR129072.1], a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. Selomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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/note="Vector: PWD42ry; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
      Mouse whole genome scaffolding with paired end reads from 10kb
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0430 row: A column: 13
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
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/clone="UUGC1M0430A13"
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Location/Qualifiers
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Sciurognathi; Muridae; Murinae; Mus.
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/clome_lib="Mouse_lokb plasmid UTGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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                                                                                                                                                                                                                                                                                                     Email: ddumn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0374 row: J column: 15
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Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Bukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Rodentia,
1 (bases 1 to 22)
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                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                plasmid inserts
                                                          Unpublished
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REFERENCE AUTHORS

RESULT 250

à g AZ607658

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Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /sex="Male"
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Best Local Similarity 100.
Matches 17; Conservative
                            plasmid inserts
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AZ779844/c
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ760533 22 bp DNA linear GSS 16-FEB-200
1M0554A24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0554A24 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
     Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0529 row: D column: 05
Seg primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends
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Best Local Similarity 100.
Matches 17; Conservative
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Fax: 801 585 7177
                                    plasmid inserts
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84112, USA
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AZ760533
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAP2 (gri #47221141gbAP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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2M0016112R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0016112 R, genomic survey sequence.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
1 (bases 1 to 22)
1 (bases 2)
1 (bases 2)
1 (bases 3)
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1 (bases 4)
1 (bases 4)
1 (bases 5)
1 (bases 6)
2 (bases 7)
3 (bases 7)
3 (bases 7)
4 (bases
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100.0%; Pred. No. 1.1e+02;
/ative 0; Mismatches 0;
                                                                                                                                                                                                                                                              84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Page 125

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TITLE

source

FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214] (gb)H229072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli Xil0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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     Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wei vorsity of Utah
1308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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Pred. No. 1.1e+02;
                                                                                                                                                                                              Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                   Insert Length: 10000 Std Error: 0 Plate: 0028 row: E column: 04 Seg primer: CACACAGAAACAGCTATGACC Class: plasmid ends ends quality sequence stop: 22. High quality sequence
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /sex="Male"
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                                  plasmid inserts
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AZ787098/c
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//lab host="Male"
//lab host="Male"
//lab host="Male"
//lab host="Wedcor: PMP42nv; Purified genomic DNA from M.
//note="Toccor: PMP42nv; Purified genomic DNA from M.
musculus G57BL/G/ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
//nttp://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducable derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for amplicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308. Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0016 row: I column: 12
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0016I12"
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High quality sequence stop: 22.
Location/Qualifiers
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Matches 17; Conservative
                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
                       plasmid inserts
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DEFINITION

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KEYWORDS

REFERENCE AUTHORS

AZ785019/c

RESULT 254

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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="CS7BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0034G12"
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mousers"
/clone lib="Mousers"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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          Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunmogenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: A column: 05
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                                                                                                                                                                                                                                                                               Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                    organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
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clone="UUGC2M0033A05"
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AZ787606/c
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(http://www.jax.org/resource_documents/dnares/). The DNA was hydrodnamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated inducible derivative of plasmid R1. The vector was ligated
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Mus musculus
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., 84112, USA
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                       0.00
                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0034 row: G column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Mouse whole genome scaffolding with paired end reads from 10kb
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="Male"
                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
                          plasmid inserts
Unpublished
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AZ820439/c
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AUTHORS
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Musi
i (bases 1 to 22)
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Mennen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0045 row: A column: 24
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
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Strain="C57BL/60"
/db_xref="taxon:10090"
/clone="UUGC2M0045A24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
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AZ810674.1 GI:12978158
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17; Conservative
                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
                   plasmid inserts
Unpublished
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VERSION
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high malar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gab|AR29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptore for ampicillin resistance."
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
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2M0092K13R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0092K13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse lokb plasmid UGCIM library"
/note="Wector: PWD42Lry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                   SLC,
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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.00.0%; Pred. No. 1.1e+02;
                                                                                                                                                                                                                                                                 Std Error: 0.00
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Best Local Similarity 100.0%; Pred. No. 1.1.
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0076 row: E column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
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High quality sequence stop: 22.
Location/Qualifiers
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunogenetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0098 row: K column: 07
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Class: plasmid ends
High quality sequence stop: 22.
High quality sequence
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Best Local Similarity 100.0
Matches 17; Conservative
                                plasmid inserts
Unpublished
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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2M0099K07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0099K07 F, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM libraryr"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                   E., SLC,
    Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                              Contact: Robert B. Weiss
University of Urah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                        Plate: 0092 row: K column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                     'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC2M0092K13"
                                                                                                                                                                                                                                                                                                                                                                High quality sequence stop: 22.
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Best Local Similarity 100.(
Matches 17; Conservative
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                                                                                                                                  Univer
Rm. 308, bloom
                                                        Unpublished
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AZ823875
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Matches
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AUTHORS
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KEYWORDS
SOURCE
                                                             JOURNAL
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              TITLE
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|jb|AR129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria; Rodentia, Sciurognathi, Muridae, Murinae; Mus.
1 (bases 1 to 22)
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2M0139118R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD47ny, Purified genomic DNA from musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                      SLC,
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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100.0%; Pred. No. 1.1e+02;
Live 0; Mismatches 0;
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
                                                                                                  University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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                                                                                Contact: Robert B. Weiss
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Best Local Similarity 100.0
Matches 17; Conservative
                                   plasmid inserts
Unpublished
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AZ843648
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KEYWORDS
SOURCE
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          TITLE
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Asse, M., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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2M0142124F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
     whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: I column: 18
Seg primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0139118"
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Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="Male"
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Best Local Similarity 100.0
Matches 17; Conservative
                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
                         plasmid inserts
Unpublished
                                                                                                                                               Rm. 308, Bj
84112, USA
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                                               JOURNAL
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TITLE
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb]ARL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin remistance."
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2M0142B07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0142B07 R, genomic survey sequence.
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Wus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Eukamilia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 22)

1 (bases 1 to 22)

1 (bases 1 to 22)

1 (bases 2)

1 (bases 1 to 22)

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Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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100.0%; Pred. No. 1.1e+02;
ttive 0; Mismatches 0;
                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0142 row: I column: 24
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0207D13"
                                                                                                                                                                                                                                                                                                                                                                     High quality sequence stop: 22.
Location/Qualifiers
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (qi/4732114) ppl/AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli xL10-Gold (Stratagene) cells and selected for amplian resistance."
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
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Unun,D., Advagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longaore,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.,
and Wright,D.,Weiss,R.
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2M0207D13R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0207D13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCNN library"
/note="Vector: PWD4Zny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
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                                                                                                                                                                                                                                                                                                Plate: 0142 row: B column: 07
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
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Location/Qualifiers
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Mus musculus
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GSS.
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Best Local Similarity 100.0
                                                               Unpublished
                                                                                                                                                                                  84112, USA
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DEFINITION
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AZ946102
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gilfy132114) [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0287L21R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0287L21 R, genomic survey sequence.
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/lab host="E. coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PBD42try; Purified genomic DNA from M:
musculus C57BL/6J (female) was obtained from the Jackson
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Indun,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
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                                                                                                                                                                                                                                                                                                                                                                                 Std Error: 0.00
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                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.0
Plate: 0207 row: D column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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1. (Dages 1 to 22)
Chillingworth, C., Cemond, D., Harris, B., El-Sayed, N., Hou, L.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Malville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission

Norbitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project. Sanger Centre. The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Barrell, Oxford University Press, 1999).
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                                                                                                         Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma bruce; (TREU927/4 GUTAL 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shortgun sequencing projects. In
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                  Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
        Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and nh1@sanger.ac.uk
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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Bukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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1.5%; Score 17; DB 1; Lenc
Pred. No. 1.1e+02;
0;
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/strain="TREU927"
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/strain="TREU927"
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Best Local Similarity 100.
Matches 17, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwapt (griffal) [4]0] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Geld (Stratagene) cells and selected for ampicillin resistance."
                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GSS 13-DEC-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="Female"
/lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource
  whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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1 (bases 1 to 22)

Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,

Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,

Melville,S.E., Rajandream,M.A. and Barrell,B.G.

Direct Submission
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0287 row: L column: 21
Seg primer: CAQACAGGAAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0287L21"
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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AL492691
                                                                                                                                                                                                                                                                      TA231E08Q 22 bp DNA linear GSS 13-DEC-2000 T. brucei sheared genomic DNA clone 231e08, reverse sequence, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Eukaryota, Euglenozoa, Kinetoplastida, Trypanosomatidae,
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100.0%; Pred. No. 1.1e+02;
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                                                    1.5%; Score 17; DB 1; De 100.0%; Pred. No. 1.1e+02; live 0; Mismatches 0;
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/mol_type="genomic DNA"
/strain="TREU927"
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tive 0; Mismatches
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  /clone="211d06"
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11 practice of the control of the co
                                                                                                                                                                                                                                                                                                                             Direct Sanger Centre. The Wellcome Trust Genome sequencing project. Sanger Centre. The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and nhl@sanger.ac.uk and constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TRED927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).

Bmail: nelsayed@tigr.org

petails of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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T. brucei sheared genomic DNA clone 35c12, reverse sequence,
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Trypanosoma.
1 (bases 1 to 22)
Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Direct Submission
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/strain="TREU927"
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Query Match

Matches

BASE COUNT

FEATURES

DEFINITION RESULT 271 TA380A07P

ACCESSION VERSION KEYWORDS ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypenosoma brucei (TREU927/4 GUTAL 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bmail: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                            Hall, M., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Bajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CBLO 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
        T. brucei sheared genomic DNA clone 386h07, reverse sequence
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ALS87621 BP Chicken Brain Library Gallus gallus cDNA clone
                                                                                                                                                         Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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Pred. No. 1.1e+02;
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/organism="Trypanosoma brucei"
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/clone="386h07"
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100.0%; Pr.
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                                 genomic survey sequence.
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BP Chicken Brain Library
Unpublished
                                                         AL498291.1 GI:11874013 GSS.
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AL587621.1 GI:13192655
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Gallus gallus
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                                                                                                               Trypanosoma brucei
Trypanosoma brucei
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Best Local Similarity 100.
Matches 17; Conservative
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1 (bases 1 to 22)
Hall, N. Bowman, S.,
Harris, B., El-Sayed, N.,
Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GTTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0;
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Pred. No. 1.1e+02;
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/organism="Trypanosoma brucei"
/mol_type="genomic DNA"
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                                                              /organism="Trypanosoma }
/mol_type="genomic DNA"
/strain="TREU927"
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/clone="35c12"
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Query Match

Matches

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BASE COUNT

FEATURES

RESULT 272 TA386H07Q/c LOCUS

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Gaps

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Source

FEATURES

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Matches

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GSS 29-SEP-2000

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (4)1472.114 (pb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors and to adaptored for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Malmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                     AZ309219
23 bp DNA linear GSS 29-SEP-200
1M0013G08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
/lab host."E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus G77BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
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Conservative 0;
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23 AAAAAAAAAAAAAA 7
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMMENT
                                                                                                                                                                             /clone lib="AGS-1"
/note="Vector: Lambda ZAP II, Site_1: EcoRI, Site_2: XhoI,
P. carinii organisms (3x10e9) from a single rat ($9-1-6$,
B. carinii organisms (100e) from a single rat ($9-1-6$,
Sacrificad on 3/17/9) at Cincinnati WA facilities.
Trizol extracted RNA. Oligo of priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
a 0 c 2 g 21 t
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Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman
J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington, KY
40506-0255, USA
Tel: 606 257 2161
Fax: 606 257 2161
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830G5 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW334124
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bneumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0;
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                                                                                    organism="Gallus gallus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: staben@pop.uky.edu.
Location/Qualifiers
                                      Location/Qualifiers
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                                                                                                                                                                /clone="ROS059H07"
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Best Local Similarity 100.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17; Conservative
                    Seq primer: M13F.
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Best Local Similarity
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DEFINITION ACCESSION

ORGANISM

KEYWORDS SOURCE

VERSION

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

FEATURES

BASE COUNT

AW334124/c

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Gaps 0;

23 AAAAAAAAAAAAAA 7

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RESULT 276 AZ309851 DEFINITION

AZ309851 29-SEP-2000 1M0017L12F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0017L12 F, genomic survey sequence.

Mus musculus (house mouse) Mus musculus

ORGANISM

REFERENCE AUTHORS

AZ309851.1 GI:10351256 GSS.

ACCESSION VERSION KEYWORDS SOURCE

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (2.3)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unbuse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative adarose gel electrophoresis. Vector DNA was prepared from a derivative of pWNA2 (gil472114 [gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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High quality sequence stop: 23.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR123072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                               GSS 29-SEP-2000
                                                                                                                                                         AZ312314 12006F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0028006 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                          Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (Dases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly
and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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Fax: 801 585 7177
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0.028 row: 0 column: 06
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Location/Qualifiers
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1 AAAAAAAAAAAAA 17
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AZ312314/c
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Length 23; 0; Indels

1.5%; Score 17; DB 1; Le llarity 100.0%; Pred. No. 1.1e+02; Conservative 0; Mismatches 0;

SOURCE

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                                                                 RESULT 279
AZ315640
                                                                                                                                  DEFINITION
                                                                                                                                                                                                                                                                                  ORGANISM
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COMMENT
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1M0030A02R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0030A02 R, genomic survey sequence.
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Mus musculus

Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

(Dases 1 to 23)

Dunn, D., Aoyagi, M., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.,

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts
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Uppublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
... 108, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Insert Length: 10000 Std Error: (Plate: 0030 row: A column: 02 Seq primer: CACACAGAAAACAGCTATGACC Class: plasmid ends
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Location/Qualifiers
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23 AAAAAAAAAAAAA 7
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                                                                   RESULT 278
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muzidae; Muzinae; Mus. E 1 (Dases 1 to 23)

B Dun, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished Contact: Robert B. Weiss
University of Utah Genome Center University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|q/3214|qb|Ar129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptore complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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AZ315640 13009 23 bp DNA linear GSS 29-SEP-2000 1M0033004F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0033004 F, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0
Plate: 0033 row: O column: 04
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Location/Qualifiers
                                                                                                                                                                                                                Mus musculus (house mouse)
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GSS.
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ACCESSION VERSION KEYWORDS SOURCE

AZ351354

REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

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AZ357645 linear GSS 02-0CT-2000 1M0099C23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic close UUGCIM0099C23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                    Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Elam,H., Longacre,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Plate: 0099 row: C column: 23
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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GSS.
     1 AAAAAAAAAAAAA 17
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                                                                                    RESULT 281
AZ357645
                                                                                                                                                                     DEFINITION
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VERSION
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COMMENT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wew. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                               AZ351354 linear GSS 29-SEP-2000 1M0089D19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0089D19 F, genomic survey sequence.
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain X110-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus CS7BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Fax: 801 585 7177
Fax: 801 585 7177
Fax: 801 585 7177
Flate: 0089 row: D column: 19
Seq primer: GGTTGTAAAAGGAGGGCAGT
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                 Mus musculus (house mouse)
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4 AAAAAAAAAAAAA 20
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FEATURES

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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42Dry; Purified genomic DNA from M.
musculus G57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
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1.5%; Score 17; DB 1; Length 23;
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KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

DEFINITION AZ419236/c

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ACCESSION

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gdl electrophoresis. Vector DNA was prepared from a derivative of pWM24 (gil4722114) gb|AF129072.11, a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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23 bp DNA linear GSS 03-0CT-2000
1M0205L23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0205L23 R, genomic survey sequence.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Bukaryota, Metazoa, Chordata, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Na. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0205 row: L column: 23
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Class: plasmid ends
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/strain="C57BL/6J"
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23 AAAAAAAAAAAAAA 7
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Matches 17; Conservative
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musculus C578H/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated by respected by a shared DNA
was hydrodynamically sheared by repeated by respected for a polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid Rl. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
chemically-competent E. coli XIIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                    AZ419236 23-0CT-2000 1MO195H07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0195H07 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Duouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0; Indels
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Length: 10000 Std Error: 0.00
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University of Utah Genome Center
University of Utah
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Best Local Similarity 100.0
Matches 17; Conservative
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Fax: 801 585 7177
Email: ddunn@genet
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SOURCE ORGANISM

AUTHORS

JOURNAL

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RESULT 284 AZ435597 LOCUS DEFINITION

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(http://www.jax.org/regources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q132114|qbh|k1229072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                              AZ461220 23 bp DNA linear GSS 04-OCT-2000
1M0267D05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/6J (male) was obtained from the Jackson
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 2
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Fax: 801 585 7177
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonicleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 % brange using preparative agarose gel
electrophoresis. Wector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                             AZ435597 23-0CT-2000 1MA linear GSS 03-0CT-2000 1M0222P09R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0222P09 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Length: 10000 Std Error: 0.00
0222 row: P column: 09
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet:
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagis, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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musculus C57BL/60 (male) was obtained from the Jackson
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide Kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 [4] 4732114 [4] PARL20072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, M., Longarce, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Wouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Mus musculus
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1 AAAAAAAAAAAAA 17
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Best Local Similarity
Matches 17; Conserv
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FEATURES

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Gaps .

GSS 13-DEC-2000

AZ588254/c LOCUS

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DEFINITION

ACCESSION VERSION KEYWORDS ORGANISM

SOURCE

REFERENCE AUTHORS JOURNAL

TITLE

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Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
Mus musculus
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly
,M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished
                                                                                                                                        AZS93540 13-DEC-200 1MA linear GSS 13-DEC-200 1M0405C07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0405C07 F, genomic survey sequence.
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frrain="CS7BL/61"
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/clone="tutGC1M0405C07"
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

lusert Length: 10000 Std Error:

Plate: 0405 row: C column: 07

Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 23.
Location/Qualifiers
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23 AAAAAAAAAAAAAA 7
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84112, US
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                        AZ588254 23 bp DNA linear GSS 13-DEC-2000 1M0396024F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0396024 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Duval, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Duvale genome scaffolding with paired end reads from 10kb Unpublished
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/clone_lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C579BL/6J (male) was obtained from the Jackson
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Insert Length: 10000 Std Error: 0.00
Plate: 0396 Tow: O column: 24
Seq primer: CGTTGTAAAACGACGCCCAGT
Class: plasmid ends
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Location/Qualifiers
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/clone="UUGC1M0396024"
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23 AAAAAAAAAAAAAA 7
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Fax: 801 585 7177
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Best Local Similarity
Matches 17; Conserva
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinaee. Adaptor oligomuclectides were ligated to the blunt ends in high. molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil 4732114) fpl AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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AUTHORS

JOURNAL COMMENT

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RESULT 290 AZ610785

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(http://www.jax.org/resource
(http://www.jax.org/resource
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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adaptored vector DNA, and transformed into
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Universi
                                                                                                                                                                                AZ621676

23 bp DNA linear GSS 13-DEC-2000
1M0455J07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0455J07 F, genomic survey sequence.
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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/clone_lib="Mouse 10kb plasmid UUGCNM library"
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musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5%; Score 17; DB 1; Length 23; 100.0%; Pred. No. 1.1e+02; tive 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: dduum@genetice.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0455 row: J column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Location/Qualifiers
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1 AAAAAAAAAAAAA 17
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COMMENT
                                                                                                                  RESULT 291
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Concact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                            AZ610785

23 bp DNA linear GSS 13-DEC-2000 IM0436N07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0436N07 F, genomic survey sequence.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly and Wright,D., Weiss,R., Stokes,R., Tingey,A., von Niederhausern,A.
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Matches 17; Conservative 0; Mismatches
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0436 row: N column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/lab host="""
//lab host="""
/lab host="""
/lab host="""
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M."
musculus G57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inductible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0529D03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0529D03 R, genomic survey sequence.
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Dunn, D., Aoyagi, A.)
Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, L., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
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Plate: 0529 row: D column: 03
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Unni, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Ext Error: 0.00
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musculus colours (mark) was bocaimed from the backson. Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNR was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNR was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin remistance."
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E. Salan, H., Dayad, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly,
M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A.

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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2M0033C07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0033C07 F, genomic survey sequence.
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musculus C57BL/6J (male) was obtained from the Jackson
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Seq primer: CGTTGTAAAACGACGCCAGT
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VERSION
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
84112, USA
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2M0014008F.Mouse 10kb plasmid UUGClM library Mus musculus genomic
clone UUGC2M0014008 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Best Local Similarity 100.0%; Pred. No. 1.10
Matches 17; Conservative 0; Mismatches
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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DEFINITION AZ792751/c

RESULT 296

/sex="Male" | Jobs. | Adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." Std Error: 0.00 Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0045 row: K column: 24 Seq primer: CGTFOTAAAACGACGGCCAGT /organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" Sey trues. Class: plasmid ends High quality sequence stop: 23. Location/Qualifiers /db_xref="taxon:10090" /clone="UUGC2M0045K24"

/lab host="E. Coli strain Xil0-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lokb_plasmid_UUGCIM_library"
/clone_lib="Mouse_lokb_plasmid_UUGCIM_library"
/note="Westor: PWD42ry, Purified_genomic_DNA_from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA_Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end repaired with T4 DNA_polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis, vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance." Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT GSS 20-FEB-2001 Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts AZ817623 20-FEB-200 2M0087N09F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0087N09 F, genomic survey sequence. Std Error: 0.00 Email: ddunn@genetics.utah.edu Insert Length: 1000 Std Brror: 0 Plate: 0087 row: N column: 09 Seg primer: CGTGTAAAACGACGGCAGT Class: plasmid ends High quality sequence stop: 23. Location/Qualifiers /organism="Mus musculus" /mol_type="genomic DNA" /strain="CS7BL/60" Contact: Robert B. Weiss University of Utah Genome Center University of Utah /db_xref="taxon:10090" /clone="UUGC2M0087N09" Mus musculus (house mouse) Mus musculus AZ817623.1 GI:12987531 23 AAAAAAAAAAAAAA 7 /sex="Male" Tel: 801 585 5606 Fax: 801 585 7177 1.,23 Unpublished USA 84112, GSS. source DEFINITION ORGANISM ACCESSION VERSION KEYWORDS SOURCE REFERENCE JOURNAL AUTHORS FEATURES AZ817623 TITLE COMMENT

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1.5%; Score 17; DB 1; Length 23; 100.0%; Pred. No. 1.1e+02; tive 0; Mismatches 0; Indels

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Query Match 1.5%; Score 17; DB 1; Length 23; Best Local Similarity 100.0%; Pred. No. 1.1e+02; Matches 17; Conservative 0; Mismatches 0; Indels

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DEFINITION RESULT 298 AZ859570

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ACCESSION

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/lab host="B". Coli strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agances gal
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIO-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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2M0169N18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0169N18 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (Modera modera) Craniata; Vertebrata; Buteleostomi; Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (2023)
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1.5%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0169 row: N column: 18
Seq primer: cGTTGTAAAACGAGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177
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                                                                                                                             RESULT 299
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COMMENT
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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University of Utah Genome Center
University of Utah
University of Utah
Rm. 30, Biomedical Polymers Research Bldg., 20.84112, USA.
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Email: ddunn@genetics.utah.edu

Ensert Length: 10000 Std Error: 0.00

Plate: 0165 row: B column: 14

Seq primer: CGTTGTAAAACGACGCCAGT

Class: plasmid ends

High quality sequence stop: 23.

Location/Qualifiers
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clone="UUGC2M0165B14"
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FEATURES

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Gaps .

BASE COUNT

KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

COMMENT

TITLE

DEFINITION

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VERSION

RESULT 300

AZ939608

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative adarose gal electrophoresis. Vector DNA was prepared from a derivative of pw/1472114[sb]AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0268B03R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M028BB03 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                  Mus musculus Eukarota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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84112, USA
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brzor: 0.(
Plate: 0288 row: B column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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AUTHORS
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Whiversity of Utah
84112, USA
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2M0198107R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I (bases 1 to 23)
Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                        clone UUGC2M0198I07 R, genomic survey sequence.
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Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TA353A10P 23 bp DNA linear GSS 13-DEC-2000
T. brucei sheared genomic DNA clone 353a10, forward sequence,
                 nhi@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Rockville, MD. Genomic DNA isolated from a cloned population of
trypanosoma bruce; (TRED27/4 GUTRA 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                              Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Lall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
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100.0%; Pred. No. 1.1e+02;
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T. brucei sheared genomic DNA clone 274b03, forward sequence,
                                                                                                       51C02Q 23 bp DNA linear GSS 13-DEC-2000 brucei sheared genomic DNA clone 151c02, reverse sequence,
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1 (bases 1 to 2).

Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,

Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,

Melville,S.E., Rajandream,M.A. and Barrell,B.G.

Submission

Submitted (lo-DEC-2000) Trypanosoma brucei genome sequencing

project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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Bukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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100.0%; Pred. No. 1.1e+02;
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/strain="TREU927"
/db_xref="taxon:5691"
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AL484584
AL484584.1 GI:11851281
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/sex="Male"
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                                                                                                                                                                                                                                                  14 bp DNA linear GSS 03-OCT-2000 1M0228A10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0228A10 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                      Gaps
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1.5%; Score 17; DB 1; Length 23; 100.0%; Pred. No. 1.18+02; tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
Plate: 0228 row: A column: 10
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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  Query Match
Best Local Similarity 100.(
Matches 17; Conservative
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwl2 (gil 4732114 gb) AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. Coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mamalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (Bases 1 to 24)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts

Unpublished
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/clone lib="Mouse 10kb plasmid UUGCIM library."
/note="Wector: PWD42xy; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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   Length 24;
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Query Match
1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: H column: 02
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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polymucleotide kinase. Adaptor oligomucleotides were
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adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis Vector DNA was prepared from a derivative
of pMN42 (gil47321H [gb]ARI29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Unpublished
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                  AZ764513 24 bp DNA linear GSS 16-FEB-2001 IM0560D11R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0560D11 R, genomic survey sequence.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 24)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longarce, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.,

Mouse whole genome scaffolding with paired end reads from 10kb
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musculus C57BL/6J (male) was obtained from the Jackson
                                                   Gaps
                                                   0;
  Length 24;
                                                   Indels
Query Match
1.5%; Score 17; DB 1; Le:
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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Insert Length: 10000 Std Error: C
Plate: 0560 row: D column: 11
Seg primer: CACACAGGAACAGGTATGACC
Class: plasmid ends
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Location/Qualifiers
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AZ764513.1 GI:12879553
GSS.
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Fax: 801 585 7177
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/clome_lib="Mouse 10kb plasmid UUGCIM library"
/clome_lib="Wouse 10kb plasmid UUGCIM library"
/clome_lib="Wouse 10kb plasmid UUGCIM library"
/mote="WoetCor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources
/chtp://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                               24 bp DNA linear GSS 16-FEB-2001 1M0560P11R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0560P11 R, genomic survey sequence.
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   Length 24;
Query Match
1.5%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0;
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Fax: 801 585 7177
Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0560 row: P column: 11
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Mus musculus
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SOURCE

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/lone lib."AdS:1"
/note="Wector: Lambda ZAP II, Site_1: EcoRI, Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (99-1-6,
acrificed on 3/17/9) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 20)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J., Staben,C., Edman,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
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2M0265I23F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0265I23 F, genomic survey sequence.
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Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly
                                                                  Gaps
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School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Kentucky, Lexington,
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Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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heumocystis carinii
Eukarycia; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidacae; Pneumocystis.
                 Length 24;
                                                                0; Indels
                 Score 17; DB 1; Le
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1.5%; Scor.
100.0%; Pred. No. 1...
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Location/Qualifiers
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         Query Match
Best Local Similarity 100.0
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Best Local Similarity 90.0%
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Tel: 606 257 2161
Fax: 606 257 1717
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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       1.5%; Score 17; DB 1; Length 24;
100.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 0; Indels
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Insert Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Fax: 801 585 7177
Email: ddunn@genet
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 [gb]AR123072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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DKFZp566L173 r1 566 (synonym: hfkd2) Homo sapiens cDNA clone
BFRZp566L173, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
  ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G79BL/60 (male) was obtained from the Jackson
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Koehrer,K., Beyer,A., Mewes,H.W., Gassenhuber,J. and Wiemann,S.
EST (Koehrer, et al.)
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                                                                                                                                                                                                                                                                                                                                                            Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0. Plate: 0.44 row: E column: 15
Seq primer: GGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/64"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sex="Male"
                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                      plasmid inse
Unpublished
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AUTHORS
TITLE
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                                                                                                             JOURNAL
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                                                      TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (414732114) [416729072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                               Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/clone lib="Mouse 10kb plasmid UUGC2M library"
Inote="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Sciurognathi; Muridae; Murinae; Mus.
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1M0244E15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0244E15 F, genomic survey sequence.
AZ447220
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
                    and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plagmid inserts
Unpublished
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                                                                                                                                                                                                                                                                   Tel: 801 585 5606

Fax: 801 585 7177

Bmail: ddunm@enetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0265 row: I column: 23
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Seg primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic_DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:10090"
/clone="UUGC2M0265123"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 23.
Location/Qualifiers
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Bukaryota, Metazoa, Chordata,
Bummalla; Butheria, Rodentia,
1 (bases 1 to 23)
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/lab_host="E.
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84112, USA
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwDA2 (gi|4732114|gp|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XI10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TA367G08P 22 bp DNA linear GSS 13-DEC-2000
T. brucel sheared genomic DNA clone 367g08, forward sequence,
genomic survey sequence.
AL493527
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Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma bruce! (TREUS27/4 GUTAT 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
innert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and nh1@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     lall, N. Bowman, S. Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
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Trypanosoma brucei
Bukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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strain="TREU927"
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/clone="367g08"
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
TH: 801 585 5606
Fax: 801 585 7177
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWp2nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mammalia; Butheria; Rodentia; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. I Lases 1 to 21.

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                               /clone="Dataproced"
/tissue_type="kidney"
/dev_atage="kidney"
/lab_höst="x1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
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                                                                                 Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                1.5%; Score 16.4; DB 1; Length 18; larity 94.4%; Pred. No. 1.2e+02; Conservative 0; Mismatches 1; Indels
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Length: 10000 Std Error: 0.00
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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                                                                                                                                                             /organism="Homo sapiens"
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/strain="C57BL/6J"
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/clone="UUGC1M0315M10"
/sex="Male"
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Location/Qualifiers
                                                                                                                                                                                      /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="DKFZp566L173"
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Mus musculus
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AZ486776.1 GI:10653882
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Plate: 0315 row: M
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MIPS
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Best Local Similarity
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with TH DNA polymerase and TH p
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Mslam, H., Longaore, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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23 bp DNA linear GSS 02-OCT-200
1M0138M14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0138M14 R, genomic survey sequence.
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/lab host="B. Coli strain XL10-Gold, T1-resistant,
/lab host="B. Coli strain XL10-Gold, T1-resistant,
/loone lib="Mouse 10kb plasmid UUGCIM library"
/note="Woetor: PWD42nv; Purified genomic DNA from M musculus C57BL/6J (male) was obtained from the Jac
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                                                                                                                                                                       Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                       Std Error: 0.00
                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Inmert Length: 10000 Std Brror: 0.
Plate: 0080 row: C column: 02
Seq primer: CGTYGYAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
High quality sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
                                  Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC1M0080C02"
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84112, USA
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Direct Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CBIO 15A, B-mail: barrell@sanger.ac.uk and nblasanger.ac.uk constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTAL 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing Projects. In Genome Sequencing Press, 1999).
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0080C02F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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T. brucei sheared genomic DNA clone 367d08, forward sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                     Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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/mol_type="genomic DNA"
/strain="TREU927"
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/clone="367d08"
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18 TTTTAAAAAAAAAAA 1
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[ _(bases 1 to 23)
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TA367D08P/c
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AZ345485/c
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from M

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Gaps

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/mol_type="mRNA"
/culTivar="KWS2320 (double haploid, monogerm breeding line
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /tissue type="storage root"
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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[aryophyllales; Amaranthaceae; Beta.

[bases 1 to 16)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SP6-SAII-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
Contact: weisshaar B
ADIS DNA core facility at MPIZ
MAx-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: K column: 18
Seq primer: T; GTAATACGACTCACTATAGGGC.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weissha@mpiz.koeln.mpg.de,
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100.0%; Pred. No. 1.3e+02;
ative 0; Mismatches 0;
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Beta vulgaris
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(Caryophyllales; Amaranthaceae; Beta.

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., prungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. construction of a 'unigene' cDNA clone set by oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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  plasmid inserts
Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Winersity of Utah
University of Utah
84112, USA
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                                                                                                                                                                             Tel: 801 585 5606

Fax: 801 585 7177

Fax: 801 585 7177

Famil: ddunn@enetics.utah.edu

Flate: 0138 row: M column: 14

Seq primer: CacAcAGGAAACAGGTATGACC

Class: plasmid ends

High quality sequence stop: 23.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /sex="Male"
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Best Local Similarity
Matches 18; Conserv
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COMMENT
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Spermatophylales; Amaranthaceae; Beta.

Caryophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

(aryophylales; Amaranthaceae; Beta.

(bases 1 to 15)

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes that Jau (5), 845-857 (2002)

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes and Radeshaar Mars. Planta 1 3.2 (5), 845-857 (2002)

Contact: Weisshaar B.

ADIS DNA core facility at MPIZ

Max-Plands.Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062881

Email: weisshaae@mpiz-koeln.mpg.de

Insert Length: 16 Std Error: 0.00

Plate: 28 row: A column: 01

Seq primer: 77 GTAARTACGACTCACTAATACGGC.
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saazzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                               orientation:
SP6-Sall-CCACGCGCCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGCCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local P1: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZDD/GABI-Primary database: http://gabi.rzpd.de"
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/cultivar="KWS2320 (double haploid, monogerm breeding line
/clone lib="MPIZ-ADIS-024-developing root"
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar bet, library provided by KWS
Kleinwanzlebener Saatzucht AG Elinbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0; Indels
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BQ592965/c
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                                                                                                                                                                                                                                                                                                                                                              /tissue_type="storage root"
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/lab host="ExhBitons"
/lab host="ExhBitons"
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/clone lib="Yetcor: pCMVSPORT6; Site 1: Sall; Site 2: Notl;
/core="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Notl;
/clone library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
orientation:
SP6-Sall-CCACGGGTCG-5prime-CDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGGGTCG-5prime-CDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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BETA Vulgaris

Beta vulgaris

Beta vulgaris

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Speramatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 16)

Hervig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

and Radelof,U.

and Radelof,U.
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                                                                                                                                     mol type="mRNA"
cultivar="KWS2320 (double haploid, monogerm breeding line
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S013686-024-028-F08-SP6R MPIZ-ADIS-024-developing root Beta
vulgaris cDNA clone 024-028-F08 5-PRIME, mRNA sequence.
BQ592600
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/mol_type="mRNA"
                                                              . .16
organism≃"Beta vulgaris"
                                                                                                                                                                                                                                                                                           /db_xref="taxon:161934"
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                                                                                                                                                                                                                                                          'db xref="GABI:189608"
                location/Qualifiers
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Best Local Similarity 100.
Matches 16; Conservative
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BQ592600
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project

Query Match

Matches

RESULT 323 BQ595369/c DEFINITION

a

ORGANISM

AUTHORS

REFERENCE

JOURNAL

COMMENT

TITLE

FEATURES

ACCESSION VERSION KEYWORDS SOURCE

BASE COUNT

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BQ595717 16 bp mRNA linear EST 06-DEC-2002 E012692-024-022-H07-SP6 MPIZ-ADIS-024-developing root Beta vulgaris CDNA clone 024-022-H07 5-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Beta vulgaris"
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cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kwe.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                            Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

(aryophyllales; Amaranthaceae; Beta.

(bases 1 to 16)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B
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Beta vulgaris
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
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E012715-024-017-H16-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-H16 3-PRIME, mRNA sequence.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00422215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 22 row: H column: 07
Seq primer: SP6, CATACGATTTAGGTGACCTATAG.
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100.0%; Pred. No. 1.3e+02;
tive 0; Mismatches 0;
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BQ591181.1 GI:26120764
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/leinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1; primer sites and
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[ Caryophylalaes, Amaranthaceae; Beta.

[ Caryophylalaes, Amaranthaceae; Beta.

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B.
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Sequencing granted in the context of the GABI-Beet project
'notal Pri Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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Pred. No. 1.3e+02;
0; Mismatches 0; Indels
                                                      Length 16;
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Max-Planck-institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                           1.5%; Score 16; DB 1; Le:
100.0%; Pred. No. 1.3e+02;
ive 0; Mismatches 0;
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Insert Length: 16 Std Brror: 0.00
Plate: 22 row. P column: 02
Seq primer: T7; GTANIACGACTCACTATAGGGC.
Location/Qualifiers
16 t
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100.0%; Prev
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Beta vulgaris
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi/4732114) gb] ARI23072.13, a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0315D23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0315D23 F, genomic survey sequence.
AZ486787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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University Biomecards
84112, USA
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74114, SEQUENCE STOP: 19,
1496, Quality SEQUENCE STOP: 19,
19
74114, MUSCULUS"
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00.0%; Pred. No. 1.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Mus musculus"

mol_type="genomic DNA"

fatrain="c57BL/60"

/db xref="taxon:10090"

/clone="UUGCIMO560L07"
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University of Utah Genome Center
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Mus musculus
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/lab_host="EMDH10B"
/clone_lib="MPL10B"-024-storage root"
/note="Vector: pcMvSPORT6; Site_1: Sall; Site_2: Not1;
/note="Vector: pcmvs.com/sall; Site_2: Not1;
/note: pcmvs.com/sall; Site_2: Not
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Beta vulgaris"
/organism="Beta vulgaris"
/mol_type="mRNA"
/culTivar="KWS2320 (double haploid, monogerm breeding line
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                             Caryophyllales; Amaranthaceae; Beta.

(bases 1 to 17)

Hervig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

and Radelof, U.
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Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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1M0560L07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                                                                                                                                                                                                     Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant U 32 (5), 845-857 (2002)

Contact: Weisshaar B ADIS DNA core facility at MPIZ

ADIS DNA core facility at MPIZ

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: H column: 16
Seq primer: T7; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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100.0%; Pred. No. 1.3
:ive 0; Mismatches
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Contact: Robert B. Weiss
University of Utah Genome Center
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|db_xref="taxon:161934"
|clone="024-017-H16"
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid innerts
Unpublished

Contact: Robert B. Weiss
University of Utah Genome Center
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21 bp DNA linear GSS 29-SEP-200
1M0033C05R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab host="B. Coli strain XLI0-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: D column: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                          Plate: 0315 row: D column: 23
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                               'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                       'mol_type="genomic DNA"
'strain="C57BL/6J"
                                                                                                                                                                                                                                                   High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC1M0315D23"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        sex="Male"
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                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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Indocratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasming R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli Xil0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Mus musculus

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 22)

S Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacze,S., Mahmoud,M., Menen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

L Unpublished

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University of Utah Genome Center
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/clome_lib="Mouse_lokb plasmid UUGCIM library"
/note="Weetor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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100.0%; Pred. No. 1.4e+02;
ive 0; Mismatches 0;
                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: C column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0033C05"
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Best Local Similarity 100.0
Matches 16; Conservative
                                                                Tel: 801 585 5606
Fax: 801 585 7177
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Contact: Robert B. Weiss
University of Utah Genome Center
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwb42 (dil 4792114) jpl AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli x110-Gold (Stratagene) cells and selected for amplicillin resistance."
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Dunn,D., Aoyaqi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
                           Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC, U 34112, USA 500 B. SLC, U 34112, USA 500 B. Secondary 500 B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db_xref="taxon:10090"
/clone="UUGC1M0009020"
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University of Utah
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch oritice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMAP2 (gill 4)4732114(gbl AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Monde genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse lokb plasmid UGC2IM library"
/note="Vector: PWD42ry; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                            Polymers Research Bldg., 20 S. 2030 E., SLC,
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100.0%; Pred. No. 1.4e+02;
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Rm. 30.5

Rm. 30.5

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0.018 row: A column: 15

Seg primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 22.

Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 k range using preparative agarcse gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|q13214|qb|AP129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
Project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
   University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XLIO-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Twetcor: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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1 (bases 1 to 21)
Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TA48E09P 21 bp DNA linear GSS 13-D;
T. brucei sheared genomic DNA clone 48e09, forward sequence,
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0080 row: K column: 20
                                                                                                                                                                                                                                 Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                   'organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0080K20"
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AL457045.1 GI:11857508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male"
                                 Rm. 308, Biomedical
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Best Local Similarity
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TA48E09P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNR Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared bnA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwMp42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
Mouse whole genome scaffolding with paired end reads from 10kb Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ345646
1M0080K20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0080K20 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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100.0%; Pred. No. 1.4e+02;
tive 0; Mismatches 0; Indels
                                                            84112, uza
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                    Insert Length: 10000 Std Error: Plate: 0034 row: I column: 16 Seg primer: CGTGTGAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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                                                                                                                                                                                                                                                                                    High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /clone="UUGC1M0034116"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
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AUTHORS
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GSS 13-DEC-2000

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Contact: Robert Strausberg, Ph.D.

Bmail: cgapbs-remail.mih.gov
   Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
   Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
   Gonsortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
   project Clone distribution: MGC clone distribution information can
   be found through the I.M.A.G.E. Consortium/LLNL at:
   www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
   Scores: PHRED from University of Washingtion Genome Center. Vector
   Trimming: cross match from University of Washingtion Genome Center.
   PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
   Drosophila Genome Project. University of Washingtion Genome Center:
   http://www.genome.washington.edu Low Quality Sequence: 8 contiguous
   PHRED high quality bases following vector sequence: Very Low
   Quality Sequence: Trace file contained 17 contiguous distinct peaks
   following vector sequence. Polyadenylation: Based upon the presence
   of a Xhol site followed by a run of 14 or more T residues at the
   plate: Trom.
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0
Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma bruce; (TRED927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (and the size distribution) (and the size distribution is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shorgun sequencing projects. In Barrell, Oxford University Press, 1999).

Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Onther ESTS: 2821096.5prime
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/tissue_type="small cell carcinoma"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. 1.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                             /organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
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High quality sequence stop: 8.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /db_xref="taxon:5691"
/clone="48e09"
10 c 4 q
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/db_xref="taxon:9606"
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9
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AW248574.1 GI:6591567
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Best Local Similarity 89.5:
Matches 17; Conservative
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AW248574/c
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17 bp mRNA linear EST 06-DEC-2002 cDN2-15-SP6 MPIZ-ADIS-024-Storage root Beta vulgaris cDNA clone 024-017-C15-SPRIME, mRNA sequence. BQ591588 BQ591588 EQ591588.1 GI:26121171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KW82320 (double haploid, monogerm breeding line
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/lab_host="EMDH10B"
/clone_lib="MPI2-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_l: Sall; Site_2: NotI;
cDNA_library_from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                       0;
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Sequencing granted in the context of the GABI-Beet project
local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hervig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
/lab_bost="middle (phage-resistant)"
/clone lib="NNH MGC 7"
/note="Organ: lung-Vector: pOTB7; Site 1: XhoI; Site 2:
/note="Organ: lung-Vector: pOTB7; Site 1: XhoI; Site 2:
ECORI; cDNA made by oligo-dT priming. Directionally
cloned into ECORI/XhoI sites using the following 5/
adaptor: GGCAGGG(0). Size-selected >SOObp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-867 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: J7 Std Error: 0.00
Plate: 17 row: C column: 15
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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0
                                                                                                                                                                                                                                                                                                                                 DB 1; Length 17;
                                                                                                                                                                                                                                                                                                  1.4%; Score 15.4; DB 1; Levs.
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/clone="024-017-C15"
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BASE COUNT

Matches

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Hong/Rubin Laboratory CDNA Library Firstyed by: The Consortium (Libra) DNA Sequencing by: Berkeley WGC sequencing project Clone distribution: WGC clone distribution information can be found through the Library. E. Consortium/Libra at: www-bio.llnl.gov/Dbry/image/image.html Base Calling / Quality Scores: PRED from University of Washingtion Genome Center. Vector Trimming: cross match from University of Washingtion Genome Center. PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washingtion Genome Center: http://www.genome.washington.edu Low Quality Sequence: 7 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 19 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated. High quality Sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Woll type="mRNA"

/ db xref="taxon:9606"

/ clone="MRABE:282119"

/ tissue type="mRNG"

/ tissue type="mall cell carcinoma"

/ tissue type="mall cell carcinoma"

/ tissue type="mall cell carcinoma"

/ clone line="MGC3"

/ lob host="mHLNB (phage-resistant)"

/ clone forgan: lung; Vector: pOTB7; Site 1: XhoI; Site 2:
EcoR1; cDNA made by oligo-dT priming. Directionally

cloned into EcoRI/KhoI sites using the following 5'

adaptor: GGCACGAG(G). Size-selected solobp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit

(Stratagene) and Superscript II RT (Life Technologies)."
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Musiases 1 to 19)
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Mouse whole genome scaffolding with paired end reads from 10kb
                     Other ESTs: 2821119.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.4%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1. .19
/organism="Homo sapiens"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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LZV602768363.R1 CSEQFXL37 pig adrenal Sus scrofa cDNA, mRNA
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I (bases I to 18)
Adelson, D.L. and Gill, C.A.
Porcine ESTS
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I (bases 1 to 19)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished Contact: David L. Adelson Animal Breeding and Genetics Texas A&M University Animal Science Dept., TAWU-2471, College Station, TX 77843-2471,
                                                                                                    Gaps
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                                                Length 17
                                                                                                    Indels
                                             1.4%; Score 15.4; DB 1;
94.1%; Pred. No. 1.6e+02;
  16 t
                                                                                                 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 9798452616
Fax: 9798456970
Email: david.adelson@tamu.edu.
Location/Qualifiers
о
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                                             Query Match
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source

FEATURES

BASE COUNT

Matches

g à

AW248747/c LOCUS DEFINITION

ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

AUTHORS TITLE

REFERENCE

SOURCE ORGANISM

ACCESSION

VERSION KEYWORDS

TITLE JOURNAL

COMMENT

AUTHORS

REFERENCE

BM658677/c DEFINITION

RESULT 336

Gaps

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Imboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared but was blunt end-repaired with T4 DNA polymerase and T4 polymuciectide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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            University of Urah
ma. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UDGCIM library"
/note="Wector: PWD42zv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
Insert Length: 10000 Std Error: 0.00
Plate: 0109 row: I column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C57BL/60"
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Contact: Robert B. Weiss
University of Utah Genome Center
                                                                                                                                                                                                                                                                                                   High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db_xref="taxon:10090"
/clone="UUGC1M0109113"
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Best Local Similarity 94.1
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Induction of Mark Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarces gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn,D., Aoyagi,A. Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Menen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0109113R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0109113 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="B. Coli strain XLIO-Gold, TI-resistant, F-"
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/note="Wector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (Male) was obtained from the Jackson
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14.1%; Pred. No. 1.6e+02;
ve 0; Mismatches 1; Indels
                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
Insert Length: 10000 Std Error: 0.00
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/db.xref="taxon.10090"

/clone="UUGCIMO103G03"

/ex="Male"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                   High quality sequence stop: 19.
Location/Qualifiers
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AZ363907.1 GI:10477607
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Best Local Similarity 94.1%;
Matches 16; Conservative
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sex="Male"
University of Utah
                                                                        Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab host="E" Coli strain XL10-Gold, T1-resistant, F-"
/lab host="Male"
/lab host="Male"
/clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifica at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gal
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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Dunn, D., Aoyai, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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1M0360E13F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0360E13 F, genomic survey sequence.
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                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                         Plate: 0179 row: A column: 16
Seg primer: CGTTGTAAAACGACGGCCAGT
CLass: plasmid ends
                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                             db_xref="taxon:10090"
clone="UUGC1M0179A16"
                                                                                                                                                                                                                                            High quality sequence stop: 19.
Location/Qualifiers
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AZ513919.1 GI:10695235
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
University of Utah
                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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Indocatory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwm92 (gi|4732114|gb|AF129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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1M0511G04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0511G04 R, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Weetor: PWD42xv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
   Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0360 row: E column: 13
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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University of Utah Genome Center
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/clone="UUGC1M0360E13"
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Mus musculus
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1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Contact: Robert B. Weiss
University of Utah Genome Center
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/clone="UUGC1M0520N17"
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                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
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                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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Best Local Similarity
Matches 16; Conserv
                      Rm. 308, Bio
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwalp4 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and punified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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19 bp DNA linear GSS 14-DEC-200
1M0520N17F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lokb plasmid UDGCIM library"
/note="Wester: FWD42Tv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
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                                                                 Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resource
                                                                                                                                                          Plate: 0511 row: G column: 04
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
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University of Utah Genome Center
                                                                                                                                                                                                                                                                                                                                    /mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0511G04"
                                                                                                                                                                                                                                        High quality sequence stop: 19.
Location/Qualifiers
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es 16; Conserv
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                      Rm. 308, Bj
84112, USA
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(http://www.lax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil 4732.114 [gb] AFL29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with shaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chaptors complementary to coupe of a complementary to a copy-number inducible derivative of plasmid R1. The vector was ligated with shaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Iongacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab_host="E. Coli strain XLIO-Gold, Tl-resistant, F-"
/clone_lib="Mouse_lokb plasmid UGGCIM library"
/note="Vector: PWD42Iv; Purified genomic DNA from M.
musculus C57BL/6J (Male) was obtained from the Jackson
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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94.1%; Pred. No. 1.6e+02;
iive 0; Mismatches 1;
                                                                                                                                                                                                 Email: ddunm@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0520 row: N column: 17
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
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Best Local Similarity 94.1
Matches 16; Conservative
                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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LOCUS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note=="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|473214|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
Tel: 801 585 506
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Lenght: 10000 Std Error: 0.00
Plate: 0529 row: F column: 08
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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1M0077E20F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCIM0077E20 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
fatrain="CG7BL/6J"
/db_xref="taxon:10090"
/clone="TUGGCIM0529F08"
/sex="Male"
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Contact: Robert B. Weiss
University of Utah Genome Center
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AZ343730.1 GI:10422288
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Best Local Similarity
Matches 16; Conserv
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AZ343730/c
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polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWADA2 (gil #4732114[gb] AR129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XLI0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyaja, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
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/clone_lib="Mouse 10kb plasmid UTGCIM library"
/note="Wector: PWD4ZIN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
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                                                                                                                                                                          Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0077 row: E column: 20
Seq primer: CGTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            db_xref="taxon:10090"
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Mus musculus
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Laboratory Mouse DNA Resource Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chancelly-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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  University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dun, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacres, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab host="B. Coli strain XLIO-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                   0.00
                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0363G19"
                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
                                                                                                                                                                                             Plate: 0363 row: G column: 19
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
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Location/Qualifiers
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                                                    84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 bp DNA linear GSS 13-DEC-200 clone UUGC1M0363G19 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /sex="Male" | Sex="Male" | Sex="Male" | Jab host="E. Coli strain XL10-Gold, T1-resistant, F-" | /clone lib="Mouse 10kb plasmid UUGCIM library" | /note="Vector: PWD42rv; Purified genomic DNA from M. musculus C57BL/63 (male) was obtained from the Jackson
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0129 row: A column: 08
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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/organism="Mus musculus"
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University of Utah Genome Center
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'strain="C57BL/6J"
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'clone="UUGC1M0129A08"
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Mus musculus
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                                                 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Matches 16; Conserv
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. coli strain XLIO-Gold, Tl-resistant, F-"

/clone lib="Mouse lokb plasmid UUGC2M library"

/note="Vector: PWD42Iny: Purified genomic DNA from M.

musculus C57BL/6J (female) was obtained from the Jackson
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Institute for Molecular and Cellular Biology
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4.1%; Pred. No. 1.7e+02;
ve 0; Mismatches 1; Indels
                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunmogenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0213 row: D column: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Laboratory Mouse DNA Resource
                                                                                                                                                                           Plate: 0213 row: D column: 24
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Class: plasmid ends
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Location/Qualifiers
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Homo sapiens
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Unpublished
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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/note="Female, adult, cell_line = HL60, cell_type
promyelocyte."
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1.4%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 1;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0012 row: H column: 15
Seq primer: cGTTGTAAAACGACGCCAGT
Class: plasmid ends
Osaka University
3-1 Yamada-oka,Suita,Osaka 565,Japan.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                        9
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/organism="Mus musculus"
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Mus musculus
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adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a 9.5 to cleotrophoresis. Vector DNA was prepared from a derivative of pWas2 (gi|472114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored wester DNA, and transformed into chemically-competent E. coli XIII0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ317208

21 bp DNA linear GSS 29-SEP-200
MN0355702R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0035U02 R, genomic survey sequence.
AZ317208
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Blomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0035 row: J column: 02
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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/clone="UUGC1M0035J02"
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Location/Qualifiers
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Best Local Similarity 94.1
Matches 16; Conservative
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AZ317208/c
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ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophorasis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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10. (bases 1 to 21)
11. (bases 1 to 21)
12. (bases 2 to 21)
13. (bases 3 to 21)
15. (bases 4 to 21)
15. (bases 4 to 21)
18. (bases 5 to 21)
18. (bases 6 to 21)
18. (bases 7 to 31)
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Insert Length: 10000 Std Error: 0.00
Plate: 0465 row: C column: 23
Seq primer: CGTTGTAAAACGACGCCCAGT
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nes 16; Conservative
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Fax: 801 585 7177
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1M0474B05F Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0474B05 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mesnen, E., Pedersen, T., Reilly and Wright, D., Wess, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Wess, R., Stokes, R., Tingey, A., von Niederhausern, A. Duvale genome scaffolding with paired end reads from 10kb plasmid inserts
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
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/organism="Mus musculus"
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/strain="C57BL/6J"
/db xref="taxon:10090"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Mus musculus
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ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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2M0096120F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0096120 F, genomic survey sequence.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.
Plate: 0096 row: I column: 20
Seq primer: CGTYGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0096I20"
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Mus musculus
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Matches 16; Conservative
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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(http://www.jax.org/resources/documents/dnares/). The DNA
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0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly And Wright, D., Waiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"
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Insert Length: 10000 Std Error: 0.00
Plate: 0156 Tow: D column: 09
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/organism="Mus musculus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0156D09"
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Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
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AZ853429
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Contact: Bobert Straine
Contact: Robert Straine
Email: cgapbe-r@mail.nih.gov
Tissue Procursement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNU) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LiML at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PRRED from University of Washingtion Genome Center.
PHRAP suite. Poly-I Indentification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
PHRAP suite. Poly-I Indentification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
Contiguous PHRED high quality bases following vector sequence: Very
bow Quality Sequence: Trace file contained 22 contiguous distinct
plate. Ilow or very
ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2822626.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822626 3',
MM246884
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NIH-WGC http://mgc.nci.nih.gov/.
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/cell line="MGG3"
/lab_host="DH10B hage-resistant)"
/clone lib="NIH MGC 7"
/note="Graps. lung; Vector: pOTB7; Site 1: XhoI; Site 2: BcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/KhoI sites using the following 5' adaptor: GGGACGAG(G): Size-selected 5500bp for average insert size 1.8kb. library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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1.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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High quality sequence stop: 20.
Location/Qualifiers
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/db_xref="taxon:9606"
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AW246884/c
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TITLE
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgen sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@etigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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99AS799 Rice Seedling Lambda ZAPII cDNA Library Oryza sativa
(indica cultivar-group) cDNA clone 99AS799, mRNA sequence.
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 2\ c 2\ g 18\ t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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T. brucei sheared genomic DNA clone 303g05, forward sequence,
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Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S. E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
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Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                      1.4%; Score 15.4; DB 1; 94.1%; Pred. No. 1.7e+02;
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94.1%; Pred. No. 1.7e+02;
tive 0; Mismatches 1;
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Oryza sativa (indica cultivar-group)
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/strain="TREU927"
/db_xxef="taxon:5691"
/clone="303905"
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Best Local Similarity 94.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                   GSS 29-SEP-2000
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Malmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                 AZ307896 29-SEP-200
1M0010N18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0010N18 F, genomic survey sequence.
  California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)." 5 c 0 g 17 t
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/clone_lib="Mouse_lokb plasmid UTGCLM library"
/note="Wector: PWD42rv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                              1.4%; Score 15.4; DB 1; Length 22; ilarity 94.1%; Pred. No. 1.7e+02; Conservative 0; Mismatches 1; Indels
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Hel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
.....+h: 10000 Std Error: 0.00
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/mol_type="genomic DNA"
/gtrain="C57BL/67"
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Seq primer: CGTTGTAAAACGACGGCCAGT
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|clone="UUGC1M0010N18"
|sex="Male"
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Location/Qualifiers
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       California,
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                                                                                                                                Local Similarity
tes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                      DEFINITION
                                                         BASE COUNT
                                                                                                                                                                                                                                                                                                                                    RESULT 357
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                                                                                                                                                          Matches
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End volgatis

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermetophyta; Magnollophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

E 1 (bases 1 to 15)

E 1 (bases 1 to 15)

Herwag,K., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant U. 32 (5), 845-857 (2002)

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                              db_xref="taxon:161934"
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/tissue_type="inflorescence"
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/clone="Yello"
/c
                                                                                                                                                                                                                                                                                                                                                                                                                        SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Not1-T7; Note: Sequencing granted in the context of the GABI-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BQS85820 115 bp mRNA linear EST 06-DEC-2002 E012533-024-014-H17-SP6 MPIZ-ADIS-024-leaf Beta vulgaris cDNA clone 024-014-H17 5-PRIME, mRNA sequence.
      /cultivar="KWS2320 (double haploid, monogerm breeding line
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.4%; Score 15; DB 1; Length 15; 100.0%; Pred. No. 1.7e+02; ive 0; Mismatches 0; Indels
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Insert Length: 15 Std Error: 0.00
Plate: 14 row: H column: 17
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                                                                      db xref="GABI:184162"
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Best Local Similarity 100.0
Matches 15, Conservative
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Xhol; Directional cDNA library inserted into lambda ZAPII
vector at 5'end with EcoRI
a 0 0 0
Oryza sativa (indica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 15)
Lee,M.C., Shin,Y.C., Lee,T.H., Jeong,S.H., Kim,J.K., Eun,M.Y. and
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1.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                   Department of Cytogenetics
National Inst. of Agri. Sci. and Tech, RDA
Suwon, Kyunggido, Korea
Tel: 82 331 290 0301
Fax: 82 331 290 0307
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/organism≃"Beta vulgaris"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: myeun@sun20.asti.re.kr.
Location/Qualifiers
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EST 06-DEC-2002 Beta vulgaris

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Eukaryotta; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Caryotta; Viridiplantae; Streptophyta; Eukaryotta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryothylaates; Amaranthaceae; Beta.

1 (bases 1 to 15)

2 Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., and Radelof, U., Stahl, D., Wruck, W., Menze, A., O'Srien, J., Lehrach, H. Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planta Carlitute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany
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/organism="Beta vulgaris"
/mol_type="mRNA"
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/note="vector: pcWVSPORT6." Site." Sall; Site. 2: Notl;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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S015086-024-018-L13-SP6 MPLZ-ADIS-024-storage root
cDNA clone 024-018-L13 5-PRIME, mRNA sequence.
BQ590656
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100.0%; Pred. No. 1.7e+02;
ive 0; Mismatches 0; Indels
                        Indels
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Insert Length: 15 Std Brror: 0.00
Plate: 18 row: L. coluum: 13
Seq primer: SP6; CATACCATTAGGTGACACTATAG.
Location/Qualifiers
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                   Mismatches
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                      Orientation:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Not1-T7; Note:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Not1-T7; Note:
Sequencing granted in the context of the GABI-Beet project,
Jocal PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"
a 0 c 15 t
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
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Sequencing granted in the context of the GABI-Beet project
local PI: Dr. Katharina Schmeider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Beta vulgaris
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales, Amaranthaceae, Beta.
1 (bases 1 to 15)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
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Contact: Weisshaar B

ADIS DNA core facility at MPIZ

ADIS DNA core facility at MPIZ

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
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100.0%; Pred. No. 1.7e+02;
ative 0; Mismatches 0;
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Insert Length: 15 Std Error: 0.00
Plate: 19 row: M column: 08
Seq primer: 77; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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/clone="024-019-M08"
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source

FEATURES

BASE COUNT

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Gaps

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and Radeloff, Construction, Manageme CDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-867 (2002)

Context: Weisshaar B (2002)

Context: Weisshaar B (2002)

ADIS DNA core facility at MPIZ

MAX-Planck:Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 15 Std Brror: 0.00
Plate: 17 row: F column: 22
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Seq primer: T7; GTAATACGATCACTATAGGGC.
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
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B012715-024-017-H02-T7 MPIZ-ADIG-024-storage root Beta vulgaris

CDNA clone 024-017-H02 3-PRIME, mRNA sequence.

BQ591223.1 GI:26120806
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Prien. J., Lehrach, H.
     Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes funct. Weisshaar B.
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
Carl-von-linne Weg 10, 50829 Koeln, Germany
Fax: 0049221562851
Email: weisshaa@mpiz-koeln.mpg.de
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1 (bases 1 to 15)
1 (bases 1 to 15)
2 Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
Construction of a 'uniquene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Construction of a 'uniquene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Construction of a 'uniquene' c202)
Construction of a 'uniquene' c202)
Construction of a 'uniquene' c202)
Contact: Weisshaar B
ADIS DNA core facility at WPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Emmil: weisshaa@mpiz-koeln.mpg.de
Insert Length: 15 Std Error: 0.00
Plate: 17 row: N column: 18
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CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project,
local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Mkaryora, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
Caryophyllales, Amaranthaceae, Beta.
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E012715-024-017-F22-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-F22 3-PRIME, mRNA sequence.
BQ591178
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clone 024-017-N18 3-PRIME, mRNA sequence.
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/lab_host="EMDH10B"
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db_xref="taxon:161934"
clone="024-017-N18"
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100.0%; Fi
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db_xref="taxon:161934"
clone="024-019-015"
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Euryophylalese; Amaranthaceae; Beta.

1 (bases 1 to 15)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes fingerprinting allows access to 25 000 potential sugar beet genes contact: Weisshaar Breeding Research

Ants Dan core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 0049221s062851

Email: weisshaa@mpiz-koeln.mgg de

Insert Length: 15 Std Brror: 0.00

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/lab_bost="EMDH10B"
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                            orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Special or spring from the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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Insert Length: 15 Std Error: 0.00
Plate: 17 row: H column: 02
Seg primer: T7; GTAATACGACTCACTATAGGGC.
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/clone_lib="MPIZ-ADIS-024-developing root"
/note="vector: pGWVSPORT6; Site_1: Sall; Site_2: Not1;
cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
                                                                                                                                                                                                                               orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-PolyA-CC-NotI-T7; Note:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GBI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

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    16. 16
    /organism="Beta vulgaris"
    /mol type="mRNA"
    /cultivar="KWS2320 (double haploid, monogerm breeding line

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Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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SP6-SalI-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
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1 (bases 1 to 16)

Erwig, M., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Brungowsti, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H., and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
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E012843-024-019-015-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-019-015 3-PRIME, mRNA sequence.
BQ590207
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weeg 10, 50829 Koeln, Germany
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16, Std Error: 0.00
Plate: 19 row: 0 column: 15
Seq primer: 17; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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100.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 0;
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly A., Kose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                     AZ509929
1M0354A07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0354A07 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"/clone_lib="Wouse 10kb plasmid UUGCIM library"/note="Vector: PWD4Znv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
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                                                                                                                          Score 15; DB 1; Length 16;
Pred. No. 1.7e+02;
                                                                                                                                                                            0; Indels
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0354 row: A column: 07
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Mus musculus
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AZ509929.1 GI:10691245
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les 15; Conservative
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VERSION

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COMMENT

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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwAp42 (gil 4732114 [gb] AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ316368 29-SEP-2000 1M0034L22F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0034L22 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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0
adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0 c g 2 t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., ISlam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Unouse whole genome scaffolding with paired end reads from 10kb unpublished
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musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                  'Match 1.4%; Score 15; DB 1; Le
Local Similarity 100.0%; Pred. No. 1.8e+02;
les 15; Conservative 0; Mismatches 0;
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errc
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Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AZ316368.1 GI:10364124 GSS.
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/ Jab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/ Clone lib="Mouse 10kb plasmid UUGCIM library"
/ Clone lib="Whouse 10kb plasmid UUGCIM library"
/ note="Wector: PWBAIN; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymoclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWP42 (gil 1722114 [gb] AR129072.1); a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. L. bases 1 to 20. Dunn, D., Aoyaqi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, R., Pedersen, T., Rellly and Wright, D., Weiss, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                             AZ633741 20 bp DNA linear GSS 13-DEC-200
1M0489G12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0489G12 F, genomic survey sequence.
                                                                                                                                                                                         Gaps
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                                                                                                                           Query Match 1.4%; Score 15; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0489 row: G column: 12
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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clone="UUGC1M0489G12"
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAQ2 (gil 4732114 gb | AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complamentary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ341108 100 21 bp DNA linear GSS 29-SEP-200 1M0073014F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0073014 F, genomic survey sequence.
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                                                                                                                                                                                                                        6
                                                                                                                                                          Length 20;
                                                                                                                                                      1.4%; Score 15; DB 1; Length 20;
100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0073 row: O column: 14
Seq primer: GGTGTAAAAGGACGGCCAGT
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     High quality sequence stop: 21.
Location/Qualifiers
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Gaps 6

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polywerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gblAR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptoxed mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A2963501 2M0232M07R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0232M07 R, genomic survey sequence.
   adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
Mus my Caraniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 21)
10 (bases 1 to 21)
11 (bases 1 to 21)
12 (bann,D., Aoyagi,A., Barber,M., Meenen,E., Pedersen,T., Rosilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weise,R.,
Mouse whole genome scaffolding with paired end reads from 10kb
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plaemid UUGCZM library"
hote="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
                                                                                                                                                                             Length 21;
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Local Similarity 100.0%; Pred. No. 1.9e+02;
tes 15; Conservative 0; Mismatches 0;
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Length: 10000 Std Error: 0.00
0232 row: M column: 07
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/mol type="genomic DNA"
/strain="G57BL/60"
/db xref="taxon:10090"
/clone="UUGC2M0232M07"
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Seg primer: CACACAGGAAACAGCTATGACC
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Location/Qualifiers
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AZ963501.1 GI:13834728
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Fax: 801 585 7177
Email: ddunn@geneti
Insert Length: 1000
Plate: 0232 row: N
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                                                                                                                                                                                 Query Match
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Fax: 801 SB5 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0088 row: K column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AMGRESS 10-FEB-2001 21 bp DNA linear GSS 20-FEB-2001 2M008BK10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M008BK10 R, genomic survey sequence. AZ818565
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adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and slected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., ISlam, H., Longacre, S., Mahmoud, M., Menen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Outer whole genome scaffolding with paired end reads from 10kb plasmid inserts
Umpublished
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                                                                                                                                                                          Length 21;
                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                      Score 15; DB 1; Le
Pred. No. 1.9e+02;
                                                                                                                                                                                                                                           Mismatches
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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100.0%; Prec
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                                                                                                                                                                  Query Match 1.45
Best Local Similarity 100.0
Matches 15; Conservative
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Best Local Similarity
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9
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AW247165/c
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                                                                             BASE COUNT
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TITLE
JOURNAL
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nr; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 gb) AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Wm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                     GSS 29-SEP-2000
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and elected for ampicillin resistance." ^{\rm 1}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus (house mouse)
Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                             AZ331619 1inear GSS 29-SEP-200 1M0059K09R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0059K09 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                   Gaps
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                                                                                                                           DB 1; Length 21;
1.9e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                        1.4%; Score 15; DB 100.0%; Pred. No. 1.9 trive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Plate: 0059 row: K column: 09
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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Matches 15; Conservative
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AZ331619
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KEYWORDS
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COMMENT

SOURCE

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Contact: Robert Strausberg,

Contact: Robert Strausberg,

Email: cgapbs-romail.nih.gov

Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRRED From University of Washingtion Genome Center. Vector

Trimming: cross match from University of Mashingtion Genome Center.

PHRAP suite. Poly-I Identification: patMatch, pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 17

contiguous PHRED high quality bases following vector sequence.

Low Quality Sequence: Trace file contained 17 contiguous distinct

peaks following vector sequence.

Plate: LLCM2 row: D column: 12

High quality Sequence: Sequence:

High quality Sequence: Sequence.
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                               Gaps
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Best Local Similarity 93.8%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                             2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone="IMAGE:2819675"
/tissue type="small cell carcinoma"
/cell line="MGC3"
/lab_host="DH108 (phage-resistant)"
                                                                                                                          Score 14.8; DB 1;
Pred. No. 2e+02;
                                                                                                                                               2e+02;
                                                                                                       1.3%; SCo..
88.9%; Pred. No. ze..
... 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="mRNA"
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Homo sapiens
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SLC,

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (qil 4732114) [pd hAR129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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S013307-024-013-002-T7 MPIZ-ADIS-024-leaf Beta vulgaris CDNA clone
024-013-002 3-PRIME, mRNA sequence.
                                            Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. Dunba; Lo. 19. Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/60 (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                   Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Whitersity of Utah
White Bidenedical Polymers Research Bldg., 20 S. 2030 E.,
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunnagenetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0004 row: P column: 01
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Class: plasmid ends
High quality sequence stop: 19.

    .19
/organism="Mus musculus"

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0004P01"
Mus musculus (house mouse)
Mus musculus
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BQ586422.1 GI:26116004
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...nhes 15; Conservative
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BQ586422/c
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                                                                                                                                 DRNAAQCO9 Rat DRG Library Rattus norvegicus cDNA clone DRNAAQCO9
5', mRNA sequence.
BG673823
BG673823.1 GI:13895722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory of Sensory System
Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031, P.R.China
721 86-21-64748700-121
Frax: 86-21-64713446
Email: xu.zhang@ion.ac.cn
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
Pudong New Area, P.R.China. Please contact with Zhang Xu
(xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
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AZ774536 GI:12900089 GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                      Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L., Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang,X., Chen,Z.G. and Zhang,X.P., Yan,Q., Zhu,Z.D., Zhang,X., Chen,Z.G. and Zhang,X. Tidentification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.3%; Score 14.4; DB 1; Length 1
93.8%; Pred. No. 2.18+02;
tive 0; Mismatches 1; Indels
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Organism="Rattus norvegicus"
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/clone_lib="Rat_DRG_Library"
0 c 0 q 5 t
                                                                                                                                                                                                                                                                                                                      Rattus norvegicus (Norway rat)
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1084 AAAAAAAAAAAAA 1099
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                            AAAAACAAAAAAAAA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Zhang Xu
                                                                                                                                                                                                                                                                                                                                                Rattus norvegicus
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POLYA=No.
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Matches 15; Conser
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Plant J. 32 (5), 845-857 (2002)
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               Eca vulgaris

Bukaryota; Vizidiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Vizidiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnaliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

E 1 (bases 1 to 14)

E 1 (bases 1 to 14)

Flewig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: A STAMINGACTCACTATAGGGC.

Seq primer: T3 row: O column: O
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//mol_type="mRNA"
//cultivar="KWS2320 (double haploid, monogerm breeding line
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Paparnatophyta, Magnoliophyta, eudicotyledons, core eudicots,
Caryophyllales, Amaranthaceae, Beta.
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylalats; Amaranthaceae; Beta.

(aryophylalats; Amaranthaceae; Beta.

1 (bases 1 to 14)

1 (bases 1 to 14)

2 (chases 1 to 14)

3 Hervig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

2 (and Particle) of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes

2 (and Plant U 32 (5), 845-837 (2002)

3 (2), 845-837 (2002)

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

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Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de

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Plate: 15 row: 1 column: 20

Seq primer: T7; GTAATAGGACTCACTATAGGGC.
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SP6-Sall-CCACGCGCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGCCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pl: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                /note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Notl; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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Contact: Weisshaar B
ADIS DNA core facility at MPIZ
ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Caxl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 9 row: B column: 02
Seq primer: T7; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophylales; Amaranthaceae; Beta.

1 (bases 1 to 14)

1 (bases 1 to 14)

2 Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U.

2 Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant U. 32 (5), 845-857 (2002)

3 (5), 845-857 (2002)

3 ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                       Sequencing granted in the context of the GABI-Beet project local Pr. Dr. Katharina Schneider, coordinator: Prof. Christian Jung: Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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Sequencing granted in the context of the GABI-Beet project
'hoal Pr: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                       orientation:
SP6-Sali-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Noti-T7; Note:
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E012844-024-019-K14-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-019-K14 3-PRIME, mRNA sequence.
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100.0%; Pred. No. 2.2e+02;
iive 0; Mismatches 0;
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Seg primer: T7; GTAATACGACTCACTATAGGGC.
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1 (bases 1 to 14)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M., Herwig, R., Schulz, B., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar and Mark Andrews And
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Not1-77; Note: Sequencing granted in the context of the GABL-Beet project , local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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E012840-024-019-E16-SP6 MPIZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-E16 5-PRIME, mRNA sequence.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215063851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
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EST 06-DEC-2002

Query Match

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ACCESSION VERSION KEYWORDS SOURCE

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AUTHORS

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Orientation:
SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABL-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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//mol type="mRNA"
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kwa.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                            Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 14)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., and Radelof,U., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
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                       BQ591176 1024-017-N20-T7 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-017-N20 3-PRIME, mRNA sequence.
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CDNA clone 024-017-B04 3-PRIME, mRNA sequence.
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MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Brror: 0.00
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Seq primer: T7; GTAATACGACTCACTATAGGGC.
Location/Qualifiers
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                                                                                                                                      BQ591176.1 GI:26120759
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BQ591207/c
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Sukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatorphyta; Magnaliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

E 1 (bases 1 to 14)

S Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Srien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 04921150620851
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/cDNA library from sugar heet, library provided by KWS
/kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
/b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                             אמה באינים 14 bp mRNA linear EST 06-DEC-2002 E012715-024-017-H18-T7 MPIZ-ADIS-024-storage root Beta vulgaris CDNA clone 024-017-H18 3-PRIME, mRNA sequence.
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                 1.3%; Score 14; DB 1; Length 14;
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
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Insert Length: 14 Std Error: 0.00
Plate: 17 row: H column: 18
Seq primer: 17; GTAATACGACTCACTATAGGGC.
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/organism="Beta vulgaris"
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14; Conservative 0;
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                                                                          14; Conservative
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                                                  Best Local Similarity
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source

FEATURES

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Gaps ·, EST 06-DEC-2002

Query Match

BASE COUNT

Local

Matches

RESULT 385

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Exaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Sukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatorophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 14)

2 (bases 1 to 14)

3 (bases 1 to 14)

Brungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)

Contact: Weisshaar B
AND'S DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research
Carl-von-Line Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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CDNA clone 024-017-M04 3-FRIME, mRNA sequence.

BQ591482.1 GI:26121065
                                                                                                                                                                                               1. .14
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/note="Vector: pGWVSPORT6; Site_1: Sal1; Site_2: NotI;
/note_cMMSIspanzisbener: Saatsucht AG Einbeck, Germany, contact:
/note_cMMSIspanzispension of sites Sal1-NotI, primer sites and
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/cultivar="KWS2320 (double haploid, monogerm breeding line
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100.0%; Pred. No. 2.2e+02;
ive 0; Mismatches 0; Indels
           Carl-von-Linne Weg 10, 50829 Koeln, Germany Fax: 00492215062818.
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 17 row: B column: 15
Seg primer: 77; GTAATAGGACTCACTATAGGGC.
Location/Qualifiers
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Insert Length: 14 Std Error: 0.00
Plate: 17 row: M column: 04
Seg primer: T7; GTAATACGACTCACTATAGGGG.
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/organism="Beta vulgaris"
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Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 14)

1 (bases 1 to 14)

2 Herwig, X. Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

and Radelof, U.

Construction of a 'unique const to 25 000 potential sugar beet genes

Construction of a 'unique const to 25 000 potential sugar beet genes

Inserprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Fax: 00492215062851

Email: weisshaa@mgiz-koeln.mpg.de

Insert Length: 14 Std Brror: 0.00

Plate: 17 row: B column: 04

Seq primer: 17; GTAATACGACTATATAGGGC.
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/note="Vector: pcw/NSPORT6; Site 1: Sall; Site 2: Not!;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not!, primer sites and
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SP6-Sall-CCAGGCGTCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCAGGCGTCG-Sprime-context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 484-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
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germatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 14)
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100.0%; Pred. No. 2.28+02;
tive 0; Mismatches 0; Indels
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Best Local Similarity
Matches 14; Conserv
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AUTHORS
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Gaps

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Other ESTS: 2822335.Sprime
Contact: Robert Strausberg, Ph.D.
Bmail: capaba-rawmail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLM) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC Clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Mashingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Mashingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 0 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence.

Location/Qualifiers
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c 0 g 14 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AW250784 11 bp mRNA linear EST 07-JAN-2000 2822335.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822335 3',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. I (Dases 1 to 17)

NHH-MGC http://mgc.nci.nih.gov/.
National institutes of Health, Mammalian Gene Collection (MGC)
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                                                                                                                                                                                                                                                                                                                                          Length 14;
                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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                                                                                                                                                                                                                                                                                                                                          Score 14; DB 1; Le
Pred. No. 2.2e+02;
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Pred. No. 2.4e+02;
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100.0%; Pred. No. 2...
... 0; Mismatches
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/mol_type="mRNA"
/db_xref="taxon:9606"
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AW250784.1 GI:6593777
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82.4%;
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Best Local Similarity
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TITLE
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COMMENT
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Beta vulgatis

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Sukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Supermarotophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 14)

Entwigy. Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Construct. Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 0049215062851

Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00

Plate: 28 row: C column: 03

Seq primer: SP6; CarlacGANTTAGGGACACTATAG.
                                                                                                                                                                                              /db_xref="taxon:161934"
/clone="024-028-C03"
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/lab host="EWHID-ADIS-024-developing root"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone="clone-color: steps of the prime color: steps and best clone-color: steps and color: clone-color: steps and color: clone-color: steps and color: clone-color: clone
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LOO.0%; Pred. No. 2.2e+02;
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                             /db_xref="GABI:188633"
/db_xref="taxon:161934"
/clone="024-017-M04"
/tissue_type="storage_root"
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/organism="Beta vulgaris"
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AUTHORS
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                                                                                                                                                                                                                 AZ465954 linear GSS 04-0CT-2000 1M0276E16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0276E16 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mamaalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacree, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab host="B. Coli strain X110-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
     Gaps
  ·;
  Indels
  3,
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Insert Length: 10000 Std Error: 0.00
Plate: 0276 row: E column: 16
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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clone="UUGC1M0276E16"
                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
Mus musculus
                                                  1084 AAAAAAAAAAAAA 1100
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  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished
14;
                                                                                                                                                                   RESULT 391
AZ465954/c
LOCUS
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  Matches
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1.3%; Score 14; DB 1; Length 19; 1000.0%; Pred. No. 2.4e+02;

Best Local Similarity

Query Match

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Indocatory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide Kinase. Adaptor oligonacleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 Kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10.Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                 GSS 16-FEB-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus Eutheria; Modentia; Vertebrata; Euteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
2 (bases 1 to 19)
3 (bases 2 to 19)
3 (bases 3 to 19)
3 (bases 3 to 19)
3 (bases 4 to 19)
4 (bases 4 to 19)
5 (bases 4 to 19)
6 (bas
                                                                                                                                                                                                                                                                                                                                                                          AZ766990 19 bp DNA linear GSS 16-FEB-200 1M0564H19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic Cone UUGC1M0564H19 R, genomic survey sequence.
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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University of Utah Genome Center
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20:84112, USA
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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Insert Length: 10000 Std Err
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ766990.1 GI:12884624
1084 AAAAAAAAAAAA 1097
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                                                                                                         19 AAAAAAAAAAA 6
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Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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         14; Conservative
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Fax: 801 585 7177
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SOURCE
ORGANISM
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                                                                                                                                                                   RESULT 394
AZ950028
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         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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                                                                                                                                                                                                            GSS 21-FEB-2001
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                          AZ856873 19 bp DNA linear GSS 21-FEB-200
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       Gaps
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    Indels
                                                                                                                                                                                                                                                     clone UUGC2M0161019 F, genomic survey sequence.
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100.0%; Pred. No. 2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunmgenetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0161 row: O column: 19
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    Mismatches
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deg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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'strain="C57BL/6J"
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clone="UUGC2M0161019"
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                                           1084 AAAAAAAAAAAA 1097
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14; Conservative
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Best Local Similarity
Matches
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                                                                                                                                                       RESULT 393
AZ856873/c
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ORGANISM
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VERSION
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(http://www.jax.orgyresources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|q192144 gp)la129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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A2950028 19-bp DNA linear GSS 27-APR-2001
2M0213119R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0213119 R, genomic survey sequence.
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Insert Length: 10000 Std Brror: 0.00
Plate: 0213 row: L column: 19
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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/clone="UUGC2M0213119"
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Location/Qualifiers
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VERSION KEYWORDS SOURCE ORGANISM

ACCESSION

AUTHORS TITLE JOURNAL COMMENT

REFERENCE

AW246446/c DEFINITION

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Other ESTS: 2820605.Sprime
Contact: Robert Strausberg, Ph.D.
Bmail: cgapbs-remail.ih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLM) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC Clone distribution information can
be found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRRD from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Mashingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 0 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Location/Qualifiers
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/cell line="MGC3"
/lab host="BHIOB (phage-resistant)"
/clone lib="NHI MGC 7"
/c
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AW246451
AW246451.1 GI:6589444
                                                                                 AW247949
2820605.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820605 3',
                                                                                                                                                                                                                                                                                                                                                               0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="IMAGE:2820605"
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Best Local Similarity 88.2°
Marches 15; Conservative
                                                                                                                                                  mRNA sequence.
AW247949
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                                  AW247949/c
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AW246451/c
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Unpublished
Cotter_ESTS: 2821601.5prime
Cotter_ESTS: 2821601.5prime
Cotter_ESTS: Robert Struabberg, Ph.D.
Email: cgapbs-r@mail.inh.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LiML) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Lint at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross_match from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence. 9 contiguous
PHRED high quality bases following vector sequence. Polyadenylation: Based upon the presence
of a Xhol site followed by a run of 14 or more T residues at the
Plate: LLCM7 row: D column: 18
High quality sequence stop: 3
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/tissue type="mail out."
/tissue type="mail out."
/cell line="MGG3"
/lab host="DH10B (phage-resistant)"
/clone lib="NH1M MGC 7"
/clone lib="NH1M MGC 7"
/note="Organ: lung; Vector: pOTB7; Site 1: Xho1; Site 2:
EGGRI; cDNA made by oligo-dT priming. Directionally
cloned into EGGRI/Xho1 sites using the following 5'
adaptor: GGGRGGGG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis xit
(Stratagene) and Superscript II RT (Life Technologies)."
2 a 0 c 2 g ll3 t
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2821661.3prime NIH_MGC_7 Homo sapiens CDNA clone IMAGE:2821601 3',
mRNA sequence.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Gaps
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Indels
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2821601"
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14; Conservative
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Contact: Johnston M
Department of Genetics
Washington University Medical School
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                                                                                                                                                                             Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov
    Tissue Procurement: DCTU/DTP CDNA Library Preparation: Ling
    Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
    Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
    project Clone distribution: MGC clone distribution information can
    be found through the I.M.A.G.E. Consortium/LLNL at:
    www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
    Scores: PRRED from University of Washingtion Genome Center.
    Trimming: cross match from University of Washingtion Genome Center.
    Drosophila Genome Project. University of Washingtion Genome Center:
    Drosophila Genome Project. University of Washingtion Genome Center:
    http://www genome.washington.edu Low Quality Sequence: 9 contiguous
    PHRED high quality bases following vector sequence: Very Low
    Quality Sequence: Trace file contained 18 contiguous distinct peaks
    following vector sequence. Polyadenylation: Based upon the presence
    of a Xhol site followed by a run of 14 or more T residues at the
    plate: LLCM7 row: F column: 6
    High quality sequence stop: 9.
    incation/Qualifiers
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2821585.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821585 3',
MRNA sequence.
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                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 18)

NIH-WGC http://mgc.nci.nih.gov/,
National Institutes of Health, Mammalian Gene Collection (MGC)
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Contact: Robert Strauberg, Ph.D.

Contact: Robert Strauberg, Ph.D.

Bmail: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washingtion Genome Center.

PHRAP suite. Pollyr Identification: pathwatch.pl from Barkeley

Drosophila Genome Project. University of Washingtion Genome Center:

PHRAP PROJET Indentification: pathwatch.pl from Barkeley

Drosophila Genome Project. University of Washingtion Genome Center:

Ontiguous PHRED high quality bases following vector sequence: Very

Low Quality Sequence: Trace file contained 18 contiguous distinct

peaks following vector sequence. Polyadenylation: Based upon the

presence of a XhoI site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was
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(Dases 1 to 18)
Cliften, P.F., Hillier, L.W., Fulton, L., Graves, T., Miner, T., Gish, W.R., Waterston, R.H. and Johnston, M.
Surveying Saccharomyces genomes to identify functional elements by comparative DNA sequence analysis
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8.2%; Pred. No. 2.5e+02;
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High quality sequence stop: 18.
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1M0080F06F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
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/clone="4906.ic27n17.s1"
/clone_lib="Saccharomyces mikatae IFO 1815"
/note="Random genomic sequence"
Box 8232, 4566 Scott Ave., St. Louis, MO 63110, USA Tel: 314 362 2735
Tel: 314 362 7855
Email: mi@qenetics.wustl.edu
Class: random plasmid subclone.
Location/Qualifiers
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/organism="Saccharomyces mikarae"
/mol type="Genomic DNA"
/strain="IRO 1815"
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Insert Length: 10000 Std Error:
Plate: 0080 row: F column: 06
Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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/strain="C57BL/6J"
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Fax: 801 585 7177
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Best Local Similarity
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase at T4 polymerase and T4 polymerase takes to a polymerase and T4 polymerase takes a dagaptor oligonacleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicilin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacere, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly and Wright, D., Waise, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Waise, R.

Unpublished
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1M0438G03F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0438G03 F, genomic survey sequence.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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Plate: 0438 row: G column: 03
Seg primer: CGTTGTAAAACGACGGCCAGT
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/strain="C57BL/6J"
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/clone="UUGC1M0438G03"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
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Mus musculus
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Best Local Similarity 88.2°
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide Kinase. Adaptor oligonicleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 Kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10.Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G57BL/G1 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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University of Utah Genome Center
University of Utah
Wew. 308, Blomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
84112, USA
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2M0008E01R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCZM0008E01 R, genomic survey sequence.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A.
and Wright, D., Weiss, R.
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Unpublished
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
....th: 10000 Std Brror: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
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/mol type="genomic DNA"
/strain="C57BL/64"
/db_xref="taxon:10090"
/clone="UUGC2M0008E01"
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Mus musculus
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Best Local Similarity
Matches 15; Conserv
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AZ775624
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was blunt end-repaired with T4 DNA polymerase and T4 polymurelectide Kinase. Adaptor oligomoclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into adaptors omplementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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University of Utah Genome Center
University of Utah
Weissity of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ786336 LOSS 16-FEB-2001
2M0031H17R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0031H17 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Bases 1 to 19).

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Dunouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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88.2%; Pred. No. 2.6e+02;
ive 0; Mismatches 2; Indels
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Fax: 801 585 7177
Email: dduun@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0031 row: H column: 17
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/6J"
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Location/Qualifiers
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/clone="UUGC2M0031H17"
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Mus musculus
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Best Local Similarity 88.2
Matches 15, Conservative
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AZ786336/c
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was blunt control at Constant velocity. The Sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymcrase to the blunt ends in high modar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (914792114) plant29072.11), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli Xii0-Gold (Stratagene) cells and selected for ampicillin resistance."
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
84112, USA
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2M0036L22R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCZM0036L22 R, genomic survey sequence.
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1 (bases 1 to 19)

2 (bases 1 to 19)

3 (bases 1 to 19)

3 (bases 1 to 19)

4 (bases 1 to 19)

4 (bases 1 to 19)

5 (bases 1 to 19)

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8 (bases 2 to 19)

9 (bases 2 to 19)

9 (bases 2 to 19)

9 (bases 2 to 19)
0.005 inch orifice at constant velocity. The sheared DNA
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/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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/strain="C57BL/63"
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/clone="UUGC2M0036L22"
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Location/Qualifiers
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Matches 15; Conserv
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AUTHORS
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymurlectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Contact: Robert Strausberg, Ph.D.
Bmail: Gagbbe-rawmail.nih.gov
Tissue Procurement: DoTD/Drp cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LILIA) DNA Sequencing by: Barkeley WRG Sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LILIA at:
www-bio.llni.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Polyr I Identification: paraMatch.pl from Barkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 10
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 16 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a Xhoï site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AW251049 16 bp mRNA linear EST 07-JAN-2000 2821507.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821507 3',
                                                                                                                                                                                                                                                                                                                                            chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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NIH-WGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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/db_xref="taxon:9606"
/clone="IMAGE:2821507"
/tissue type="small cell carcinoma"
/cell line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"
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High quality sequence stop: 10.
Location/Qualifiers
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Best Local Similarity 88.2
Matches 15; Conservative
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AW251049/c
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TITLE
JOURNAL
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Query Match
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AZ331082/c
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Final: cgapbs-remail.nih.gov

Final: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

www-bio.llan.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRRED From University of Washingtion Genome Center. Vector

Trimming: cross match from University of Washingtion Genome Center.

Drosophila Genome Project. University of Mashingtion Genome Center:

Drosophila Genome Project. University of Mashingtion Genome Center:

Contiguous PRRED high quality bases following vector sequence. Very

Deaks following vector sequence. Polyadenylation: Based upon the

presence of a Xhol Site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AW251048 1inear EST 07-JAN-2000 2811495.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821495 3',
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: BCORI; cDNA made by oligo-dT priming. Directionally cloned into BOORI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                               Gaps
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0
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                                                                                                                                                                                                                                                                                          1; Indels
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Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Homo sapiens"
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High quality sequence stop: 10.
Location/Qualifiers
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/db_xref="taxon:9606"
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AW251048
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COMMENT

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FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gij 473214 gb) AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
     ZAP-cDNA synthesis kit
II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                            AZ331082
1M0056C13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0056C13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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0
                                                                                                                 Length 18;
                                                                                                                                                                          1; Indels
                                                                                                              Score 13.4; DB 1;
Pred. No. 2.8e+02;
0; Mismatches 1;
Std Error: 0.00
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Insert Length: 10000 Std Error: 0
Plate: 0056 row. C column: 13
Seg primer: CAAACAGAAACAGCTATGACC
Class: plasmid ends
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/mol_type="genomic DNA"
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Location/Qualifiers
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Mus musculus
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  California,
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                                                                                                                                                                    14; Conservative
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Fax: 801 585 7177
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                                                                                                                                            Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                    AZ585820 19 bp DNA linear GSS 13-DEC-2000 1M0391115F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0391115 F, genomic survey sequence.
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chemically-competent E. coli Xi10-Gold (Stratagene) cells and selected for ampicillin resistance." _{\rm 1} _{\rm 2} c _{\rm 0} g _{\rm 4} t
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plannid inserts
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWB-2Tv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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84112, USA
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                                                                                            1.2%; Score 13.4; DB 1; 93.3%; Pred. No. 2.9e+02;
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Insert Length: 10000 Std Error: 0.00
Plate: 0391 row: I column: 15
Seq primer: GGTGTAAAACGACGCCAGT
Class: plasmid ends
                                                                                                                                           Mismatches
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/organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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/strain="C57BL/60"
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/clone="UUGC1M0391115"
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Fax: 801 585 7177
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                                                                                       Query Match
Best Local Similarity
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AZ585820
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SOURCE

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinsse. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Unpublished
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Pm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 3 c \, 8 g \, 5 t
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Dunn, D., Aoyagi, Barber, M., Beacorn, T., Duval, B., Hamil, C., M., Rose, M., Rose, R., Mahmoud, M., Menen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0070M03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0070M03 R, genomic survey sequence.
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/clone_lib="Mouse 10kb plasmid UTGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus G75BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                         Length 19;
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                                                                                                                           ch 1.2%; Score 13.4; DB 1;
1. Similarity 93.3%; Pred. No. 2.9e+02;
14; Conservative 0; Mismatches 1;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0070 row: M column: 03
Seq primer: CACAGAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
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/organism="Mus musculus"
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BASE COUNT

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BQ589180 13 bp mRNA linear EST 06-DEC-2002 S014009-024-015-I22-T7 MPIZ-ADIS-024-storage root Beta wulgaris cDNA clone 024-015-I22 3-PRIME, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /tissue_type="storage root"
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/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-storage root"
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cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local Pi: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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100.0%; Pred. No. 2.9e+02;
tive 0; Mismatches 0; Indels
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|db_xref="taxon:161934"
|clone="024-015-122"
                                                                                                                                                          BQ589180
BQ589180.1 GI:26118763
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BQ589180/c
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13 bp mRNA linear EST 06-DEC-2002
E011978-024-005-C14-SP6 MPIZ-ADIS-024-inflorescence Beta vulgaris
EQS83549
BQ583549.1 GI:26113126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:16134"
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/lab_host="EMDH108"
/lab_host="EMDH108"
/clone lib="WRIZ-ADIS-024-inflorescence"
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clone lib="WRIZ-ADIS-024-inflorescence"
/note="Vector: pcMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
/kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
// Dischulzews.de; cloning sites Sal1-Not1, primer sites and
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 13)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 485-857 (2002)
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SP6-Sall-CCACGCGCCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local PI: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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100.0%; Pred. No. 2.9e+02;
Live 0; Mismatches 0; Indels
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MAX-Planck-Institute for Plant Breeding Research
Caxl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 5 row: C column: 14
Seq primer: SP6; CATACGATTTAGGTGACATATAG.
Location/Qualifiers
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/organism="Beta vulgaris"
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Best Local Similarity 93.39
Matches 14, Conservative
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Best Local Similarity 100.0
Matches 13, Conservative
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VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

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RESULT 410 BQ583549 DEFINITION

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Beta vulgaris

1 AAAAAAAAAAA 13

à g

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Similarity
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Enta vulgaris

Bukaryota;

Bukaryota;

Bukaryota;

Spermatophyta;

Ragnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthacea;

El [bases 1 to 13]

Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

and Radelof, U.

Construction of a 'unigene' CDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /clone lb= MPIZ-ADIS-024-storage root"
/clone lb= MPIZ-ADIS-024-storage root"
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cDNA lbbrary from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, context:
b.schulz@kws.de; cloning sites Sall-Notl, primer sites and
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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Sequencing granted in the context of the GABI-Beet project
'local pr: Dr. Katharina Schmeider, coordinator: Prof.
Christian Jung: Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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2822740.3prime NIH_MGC_7 Homo sapiens CDNA clone IMAGE:2822740 3',
mRNA sequence.
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I (bases 1 to 15)
III. Mac.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
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Plate: 19 row: G column: 12
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
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100.0%; Pred. No. 2.9e+02;
ative 0; Mismatches 0;
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/lab_host="EMDH10B"
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/db_xref="taxon:161934"
/clone="024-019-G12"
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Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PRRD from University of Washingtion Genome Center. Vector Trimming: cross match from University of Mashingtion Genome Center. PRRAP suite. Poly-I Identification: patMatch.pl from Berkeley Drosophina Genome Project. University of Washingtion Genome Center: http://www-genome.washington.edu Low Quality Sequence: 6 contiguous PHRED high quality bases following vector sequence: 6 contiguous phRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 15 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the Plate: LLCM10 row: D column: 5 High quality sequence stop: 6.

High quality sequence stop: 6.
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2821566.3prime NIH_MGC_7 Homo sapiens CDNA clone IMAGE:2821566 3', mRNA sequence.
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Contact: Robert Strausberg, Ph.D.
Email: cgapbs.remail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LINL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LiNL at:
www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross_match from University of Washingtion Genome Center
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 18)
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National Institutes of Health, Mammalian Gene Collection (MGC)
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FEATURES

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Other BSTS: 2820717.5prime
Contact: Robert Strausberg, Ph.D.
Bmail: cgapba-remail.ih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Brekeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Libla at:
www-bio.llnl.gov/bbrg/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: Cross_match from University of Washingtion Genome Center.
Trimming: cross_match from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence file contained 17 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a Xhol site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Location/Qualifiers
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17 bp mRNA linear EST 07-JAN-2000
2820717.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820717 3',
mRNA sequence.
                                                                                                                                                                                /tissue_type="metastatic prostate bone lesion"
/lab_host="UBH10B"
/clone_lib="NCI_CGAP_Pr12"
/note="Vector: pAMP10; mRNA made from metastatic prostate
lesion of the bone, cDNA made by oligo-dT priming.
Non-directionally cloned. Size-selected on agarose average insert size 600 bp. Library made by D. Krizman,
NIH."
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 17)
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/tissue type="small cell carcinoma"
/cell line="MGG3"
/lab_note="BH10B (phage-resistant)"
/lab_note="BH10B (phage-resistant)"
/clone lib="NHH MGC 7"
/note="Grgan: lung; Vector: pOTB7; Site_1: XhoI; Site_2: EcoRI; GDN made by oliqo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5'
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.2%; Score 12.8; DB 1; Length 16; 87.5%; Pred. No. 3.2e+02; tive 0; Mismatches 2; Indels
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                                                mol type="mRNA"
|db xref="taxon:9606"
|clone="IMAGE:1253890"
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/db_xref="taxon:9606"
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                                                                                                                                                        /sex="male"
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Matches 14; Conservative
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AW247976/c
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TITLE
JOURNAL
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PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila denome Project. University of Washingtion Genome Center: http://www.genome.washington.edu Low Quality Sequence: 9 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 18 contiguous distinct peaks of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated. High quality sequence stop: 9.
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Email: cgapbs-remail.nih.gov
Tissue Procurement: W. Douglas Figg, Ph.D., Paul H. Duray, M.D.,
Rodrigo F. Chuaqui, M.D., Michael R. Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: David B. Krizman, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: No.-CGAP clone distribution information can be found through the I.M.A.G.E., Consortium/LIND at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AA937877 16 bp mRNA linear EST 30-APR-1998 nw90e06.81 NCI CGAP Pr12 Homo sapiens cDNA clone IMAGE:1253890 similar to TR:Q35989 Q35989 CYTOCHROME C OXIDASE SUBUNIT 1 ;, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site_1: Xho1; Site_2:
EcoR1; CDNA made by oligo-dT priming. Directionally—
cloned into EcoRIXAbl sites using the following 5;
adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

a 1 c 1 g 15 t 1 others
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1 (Dases 1 to 16)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="mRNA"

/db_xref="taxon.9606"

/clone="IMAGE:2821566"

/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="bridge"
/lab_host="bridge"
/lab_host="bridge"
/lab_host="bridge"
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Seq primer: -40ml3 fwd. BT from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                    organism="Homo sapiens"
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Homo sapiens
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Best Local Similarity
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BASE COUNT

Matches

AA937877/c RESULT 415

DEFINITION

ACCESSION VERSION KEYWORDS ORGANISM

SOURCE

AUTHORS TITLE

JOURNAL

COMMENT

REFERENCE

1. .16

source

FEATURES

ð Dp

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Unpublished
Other ESTS: 2820844.5prime
Contact: Robert Strubberg, Ph.D.
Email: cgapbs-r@mail.nih.gov,
Drib. Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Prrayed by: The I.M.A.G.B.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.B. Consortium/LLLA at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross_match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 15
contiguous PHRED high quality bases following vector sequence. Very
peaks following vector sequence: Plyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
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// Ab xref="taxon:9606"
/ Clone="INAMGE:382084"
/ Clone="INAMGE:382084"
/ Call line="MGG:"
/ Lab host="DH108 (phage-resistant)"
/ Clone | Line="MGC7"
/ Lot host="DH108 (phage-resistant)"
/ Clone | 
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AW248540.
AW248540.1 GI:6591533
adaptor: GGCACGAG(G). Size-selected >buupp Lur avernatinsert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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/organism="Homo sapiens"
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Plate: LLCMS row: E column: 5
High quality sequence stop: 15.
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Best Local Similarity
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TITLE
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COMMENT
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KEYWORDS
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Contact: Robert Strausberg, Ph.D.

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LINI) DNA Sequencing by: Berkeley MgC Sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/Lini at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washingtion Genome Center. Vector

Trimming: cross match from University of Washingtion Genome Center

PHRAP suite. Poly-T Identification: pathatch.pl from Berkeley

Drosophila Genome Project. University of Washingtion Genome Center:

PHRED high quality bases following vector sequence: 0 contiguous

Quality Sequence: Trace file contained 17 contiguous distinct peaks

plate: I.M.A.G.E.
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                                                                                                                                                                                                                               AW245664 linear EST 07-JAN-2000 2822994.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822994 3',
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                                                                                                                                                                                                                                                                                                                                                                                                Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                               Gaps
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      Length 16;
                                             1; Indels
Query Match
1.1%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Plate: LLCM10 row: N column: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                             AW245664.1 GI:6588657
                                                                                  1080 TATTAAAAAAAA 1093
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                                                                                                                         14 TITIAAAAAAAAA 1
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Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                        mRNA sequence.
AW245664
                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
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AW245664/c
                                                                                                                                                                                                                                                DEFINITION
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM
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TITLE
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COMMENT
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RESULT 419 AW246528/c DEFINITION SOURCE

ACCESSION

VERSION KEYWORDS

AUTHORS TITLE JOURNAL COMMENT

REFERENCE

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Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C., Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D., Zhang, X.C., Chen, Z., Han, Z.G. and Zhang, X.
Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain.

Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
12060780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This clone is also available at Chinese National Human Genome Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park, Budong New Area, P.R.China. Please contact with Zhang Xu (Xu.zhangejoin.ac.cn) or Han Zeguang (hanzgechgc.sh.cn)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BQ582536
S013300-024-007-P01-T7 MPIZ-ADIS-024-inflorescence Beta vulgaris
CDNA clone 024-007-P01 3-PRIME, mRNA sequence.
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Beta vulgaris
Beta vulgaris
Beta vulgaris
Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 12)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
and Radelof,U.
                                                                                                              Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.1%; Score 12; DB 1; Length 12;
100.0%; Pred. No. 3.7e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Zhang Xu
Laboratory of Sensory System
Institute of Neuroscience
102 Yeag Road, Shanghai 200031, P.R.China
Tel: 86-21-64748700-121
Fax: 86-21-64713446
Email: xu.zhang@ion.ac.cn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /tissue_type="dorsal root ganglion"
/dev_stage="adult"
/clone_lib="Rat_DRG_Library"
0 0 0 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Rattus norvegicus"
/mol_type="mRNA"
/strain="Sprague-Dawley"
/db_xref="taxon:10116"
/clone="DRN01B05"
                                                          Rattus norvegicus (Norway rat)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
   GI:13890865
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1084 AAAAAAAAAA 1095
                                                                                                                                                                                                       (bases 1 to 12)
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POLYA=No.
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BACKWARD: T7
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Other BSTS: 2821879.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapba-rémail.inh.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Mashingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center.
Contiguous PHRED high quality bases following vector sequence: 13
contiguous PHRED high quality bases following vector sequence.
Drosophila Stollowing vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
nolvadenylared.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"

/mol_type="mRNA"

/mol_type="mRNA"

/do xee="texon:9606"

/clone="IMAGE:2821879"

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/tissue_type="small cell carcinoma"

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                                       AW246528
2821879.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821879 3',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BG668943 10-AER-2001
DRN03E05 Rat DRG Library Rattus norvegicus cDNA clone DRN03E05 5',
mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ·.
                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. I (bases 1 to 17)
MH-MGC http://mgc.nci.nih.gov/
National Institutes of Health, Mammalian Gene Collection (MGC) Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            polyadenylated.
Plate: LLCM7 row: P column: 8
High quality sequence stop: 13.
Location/Qualifiers
                                                                                                                                                   AW246528.1 GI:6589521
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Homo sapiens
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                                                                                               mRNA sequence.
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Best Local Similarity
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source

FEATURES

RESULT 420

BG668943

DEFINITION

ACCESSION

BASE COUNT

Matches

à

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Gaps ., 0

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cDNA_library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
orientation:
SP6-Sal1-CCACGCGTCG-5prime-cDNA-polyA-CC-Not1-T7; Note:
Sequencing granted in the context of the GABI-Beet project
, local P:: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta vulgaris

Beta vulgaris

Beta vulgaris

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Beta.

Caryophyllales; Amaranthaceae; Beta.

S | (bases 1 to 12)

Herwig, K., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

Construction of a 'unigene' cDNA clone set by oligonucleotide

ingerprinting allows access to 25 000 potential sugar beet genes

Construct: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weisshaa@mpiz-koeln.mpg.de

Insert Length: 12 Std Error: 0.00

Plate: 24 row: E column: 05

Seq primer: T7; GTAAATACGACTATAGGGC.
                                             /organism="Beta vulgaris"
/mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BQ594698 12 bp mRNA linear BST 06-DBC-2002 E012404-024-024-E05-T7 MPIZ-ADIS-024-developing root Beta vulgaris cDNA clone 024-024-E05 3-PRIME, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.1%; Score 12; DB 1; Length 12; 100.0%; Pred. No. 3.7e+02; cive 0; Mismatches 0; Indels
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BQ594698.1 GI:26124281
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 12)

S Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone lib="MPIZ-ADIS-024-inflorescence"
/clone lib="MPIZ-ADIS-024-inflorescence"
/note="Vector: pcMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KMS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Orientation:
SP6-Sall-CCACGCTCCG-Sprime-cDNA-polyA-CC-Notl-T7; Note:
Sequencing granted in the context of the GABI-Beet project
Sequencing prints of the GABI-Beet project
Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
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Plant J. 32 (5), 845-857 (2002)
Contact: Weisshaar B
ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 004922150628511
Email: Weisshaa@mpiz-koeln.mpg.de
Insert Length: 12 Std Error: 0.00
Plate: 7 roclumn: 01
Seq primer: T7; GTAANACGACTCCATAAGGGC.
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100.0%; Pred. No. 3.78+02;
Live 0; Mismatches 0; Indels
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Insert Length: 12 Std Error: 0.00
Plate: 14 row: P column: 24
Seq primer: T7; GTANTACGACTACTACTATAGGGC.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="GABI:184167"
/db_xref="taxon:161934"
/clone="024-007-p01"
/lissue_type="inflorescence"
/lab_host="EMDH10B"
                                                                                                                                                                                                                                                                                             1. .12
/organism="Beta vulgaris"
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Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
fingerprinting allows access to 25 000 potential sugar beet genes
Contact: Weisshaar B.

ADIS DNA core facility at MPIZ
NAX-Planck-Institute for Plant Breeding Research
Carl-von-Linns Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: Weisshaa@mpiz-koeln.mpg.de
Insert Length: 14 Std Error: 0.00
Plate: 16 row: C column: 15
Seq primer: SP6; CATACGATTTAGGTGAACTATAG.

Location/Qualifiers
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Not1; cDNA library from sugar beet, library provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Not1-T7; Note:
Squencing granted in the context of the GABI-Beet project; local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung: Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
a 0 c
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                                                                                                                                                                                                                                                                                                                                                                                                                BQ591949 114 bp mRNA linear BST 06-DEC-20
E012580-024-016-C15-SP6 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-016-C15 5-PRIME, mRNA sequence.
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100.0%; Pred. No. 3.7e+02;
1ve 0; Mismatches 0; Indels
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Matches 12; Conservative
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BASE COUNT

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Enkaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 15)

N. Mational Institutes of Health, Mammalian Gene Collection (MGC)

N. Mith-MGC http://mgc.nci.nih.gov/.

N. Mith-MGC http://mgc.nci.nih.gov/.

N. Mith-MGC http://mgc.nci.nih.gov/.

N. Mational Institutes of Health, Mammalian Gene Collection (MGC)

Other ESTS: 2822090.5prime

Contact: Robert Strausberg, Ph.D.

Email: capabs-rafmail.inh.gov

Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

www-bio.llhl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PRRED from University of Washingtion Genome Center.

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center:

trimming: cross match from University of Mashingtion Genome Center:

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center:

thtp://www.genome.washington.edu Low Quality Sequence: Trace file contained 15 contiguous distinct

peaks following vector sequence. Polyadenylation: Based upon the

presence of a XhoI site followed by a run of 14 or more T residues

nolyadenylated.
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/mol type="mrRNN"

/db zxef="taxon:9606"

/clone="IMAGE:2822090"

/clone="IMAGE:2822090"

/cell line="McG3"

/cell line="McG3"

/cell line="McG3"

/coll line=
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2822090.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822090 3',
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100.0%; Pred. No. 3.9e+02;
vative 0; Mismatches 0; Indels
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High quality sequence stop: 14.
Location/Qualifiers
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Query Match
Best Local Similarity 100.00,
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12

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VERSION KEYWORDS SOURCE ORGANISM

AUTHORS REFERENCE

JOURNAL

COMMENT

TITLE

ACCESSION

LOCUS DEFINITION

RESULT 426

BQ591425

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/organisms="Sus scrofa"
/wol_type="mRNA"
/wol_type="mRNA"
/db_xref="texon:9823"
/clone_lib="CSEQFXL37 pig adrenal"
/clone_lib="CSEQFXL37 pig adrenal"
/note="Organ: adrenal gland; Vector: pBluescript SK+;
Site_1: Not1; Site_2: EcoR1; sequence 5' of the insert
(5'-NNN. ..NNNinsert)
GCGAATTGGAATTGGAGGGCGCGGGCTGAG. Sequence 3' of
the inserts (AAGAATTCGAATTCAAGCTTAATCAAGCTTCAACCTCGAG.
non-normalized library, sequenced 3' with MI3R primer."
0 a 1 c 1 g 13 t
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone lib="G2ZKS adult worm mini-library" /note="A mini-library was made by cloning products derived from RNA-arbitrarily primed PCR (RAP PCR) profiles into the PUC 18 vector. Reverse transcription of adult worm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        L76129 SCMRAP0223 G2/KS adult worm mini-library Schistosoma mansoni cDNA clone SMRAP0223, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Schistosoma mansoni
Eukaryota; Metazoa; Platyhelminthes; Trematoda; Digenea;
Strigedidida; Schistosomatoidea; Schistosomatidae; Schistosoma.
1 (bases 1 to 15)
Neto, E.D., Harrop, R. Correa-Oliveira, R. Wilson, R.A., Pena, S.D. and
Simpson, A.J.G.
                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Cetartiodactyla, Suina, Suidae, Sus.

1 (bases 1 to 15)
Adelson, D.L. and Gill, C.A.
Porcine ESTs
Unpublished
                                                                                                                                                                                                                        Contact: David L. Adelson
Animal Breeding and Genetics
Texas A&M University
Animal Science Dept., TAMU-2471, College Station, TX 77843-2471,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Neto,E.D., Harrop,R., Correa-Oliveira,R., Wilson,R.A.,
Pena,S.D. and Simpson,A.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.1%; Score 11.8; DB 1; Length 15; 86.7%; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Indels
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|mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                86.7%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                  Tel: 9798452616
Fax: 9798456970
Email: david.adelson@tamu.edu.
Location/Qualifiers
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                        Sus scrofa (pig)
Sus scrofa
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TITLE
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                                                                                                                                                                                                                                                                                                        Deta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 16)

Bungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, M.,

Drungowski, W., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="GABI:188698"
/db_xref="taxon:161934"
/clone="024-017-cl1"
/tissue_type="storage root"
/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MMIZ-ADIS-024-storage root"
/note="Vector: pCWVSPORT6; Site_1: Sal1; Site_2: Not1;
CDNA_library from sugar beet, library provided by KWS
/tleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schligews.de; cloning sites Sal1-Not1; primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   orientation:
SP6-Sall-CCACGCTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP4cencing granted in the context of the GABI-Beet project
Charletian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
                                                                                                                                                EST 06-DEC-2002
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                                                                                                                                     BQS91425

E012712-024-017-C11-T7 MPIZ-ADIS-024-storage root Beta vulgaris-cDNA_clone 024-017-C11 3-PRIME, mRNA sequence.
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LZV602768445.R1 CSEQFXL37 pig adrenal Sus scrofa cDNA, mRNA
sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: weisshan@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 17 row: C column: 11
Seg primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
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FEATURES

12;

Matches

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DEFINITION

ACCESSION VERSION

Query Match

BASE COUNT

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Gaps

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AI798250.1 GI:5363722
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                                  865 ATGAGCCCAACTCCA 879
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Homo sapiens
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Best Local Similarity 86.7<sup>3</sup>
Matches 13; Conservative
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Unpublished
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/lab_host="DH10B (phage-resistant)"
/clone_lib="NCI cGaP_Lul9"
/note="Organ: lung; Vector: pT713D-pac (Pharmacia) with a modified polylinke; lst strand cDNA was prepared from pooled lung tumor tissue, and was then primed with a Not I oligo (dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and Cloned into the Not I and Eco RI sites of the modified pT73T vector. Library went through one round of normalization. Library constructed by Bento Soares and M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: cgapbs-remail.mil.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-GAP clone distribution information can be
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                    AISB2256

16 bp mRNA linear EST 14-DEC-1999

tq65f03.x1 NCI CGAP Lu19 Home sapiens cDNA clone IMAGE:2213693 3'
similar to TR:000204 000204 HYDROXYSTEROID SULFOTRANSFERASE HSST2A.

[1] ;contains PTR5.t3 PTR5 repetitive element ;, mRNA sequence.
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1 (Dases 1 to 16)
NCI-GGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
mRNA was primed with G2and subsequent PCR amplification was performed in the presence of primer KS" _3\ c _7\ g _5\ t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /clone="IMAGE:2213693"
/tissue_type="squamous cell carcinoma, poorly
differentiated (4 pooled tumors, including primary and
                                                                                                                                          Gaps
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                                                                                Query Match 1.1%; Score 11.8; DB 1; Length 15; Best Local Similarity 86.7%; Pred. No. 4.1e+02; Matches 13; Conservative 0; Mismatches 2; Indels
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ilarity 86.7%; Pred. No. 4.2e+02;
Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Trace considered overall poor quality Insert Length: 1353 Std Error: 0.00 Seq primer: -40UP from Gibco High quality sequence stop: 1 POLYA=No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Homo sapiens
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Unpublished
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Matches 13; Conserv
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                                         BASE COUNT
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TITLE
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AI798250
tr32b00.x1 NCI_CGAP_Ov23 Homo sapiens CDNA clone IMAGE:2219991 3'
similar to TR:079354 079354 CYTOCHROME OXIDASE SUBUNIT III.;, mRNA
                                                                                                                                                                                                                                                                                                                                                                                               Email: cgapbe-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E., Consortium/LINL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AWZ45338 16 bp mRNA linear EST 07-JAN-2000 2822905.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822905 3', mRNA sequence.
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1 (bases 1 to 16)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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86.7%; Pred. No. 4.2e+02;
live 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Trace considered overall poor quality
Seg primer: -400P from Gibco
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0438 row: G column: 03
Seg primer: CGTYCTAAAACGACGGCCAGT
Class: plasmid ends
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/mol_type="genomic DNA"
/strain="C578L/61"
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Location/Qualifiers
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/clone="UUGC1M0438G03"
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                 Rose, M., Rose, R.,
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                                              and Wright, D., Weiss, R.
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Best Local Similarity 77.8
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                   Unpublished
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KEYWORDS
SOURCE
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                                                                               Mammaliar, Sutheria; Primates; Catarrhini; Hominidae; Homo.

Mathoad Institutes of Health, Mammalian Gene Collection (MGC)

National Institutes of Health, Mammalian Gene Collection (MGC)

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished

Other_ESTS: 2822905.5prime

Contact: Robert Straubberg, Ph.D.

Email: Gapbs-remail.nih.gov,

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washingtion Genome Center.

Trimming: cross match from University of Washingtion Genome Center.

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Washingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 15

contiguous PHRED high quality bases following vector sequence. Very

Low Quality Sequence: Trace file contained 16 contiguous distinct

presence of a XhoI site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was

plate. It CANO.
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| varanism="Homo sapiens"
| valane="INAGE:2822905"
| valane="INAGE:2822905"
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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1M0438G03F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gil4732114[gb]AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 300, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
Stokes, R., Tingey, A., von Niederhausern, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ331082

1MO056C13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0056C13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clore lib="Mouse lokb plasmid UTGCIM library"
/note="Vector: PWD4zny; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                  Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Laboratory Mouse DNA Resource
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Unpublished

Other BST8: 2821595. Sprime

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-romail.nh.gov

Tissue Procurement: DrD/Drp cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LiLN) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/Linn at:

www-bio.llni.gov/Dbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Mashingtion Genome Center. Vector

Trimming: cross match from University of Mashingtion Genome Center.

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center.

http://www.genome.washington.edu Low Quality Sequence: 14

contiguous PHRED high quality bases following vector sequence. Very

Low Quality Sequence: Trace file contained 15 contiguous distinct

peaks following vector sequence. Polyadenylation: Based upon the

presence of a Xhol site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                     /db_xrel="taxon:5911"
/db_xrel="taxon:5911"
/dlone_lib="tolicoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AW246494 116 pp mRNA linear EST 07-JAN-2000 2881595.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821595 3',
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                EST from Tetrahymena thermophila, strain CU428.1, growing cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.0%; Score 11.4; DB 1; Length 14; 92.3%; Pred. No. 4.5e+02; ive 0; Mismatches 1; Indels
                                       Unpublished
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apuurkew@midway.uchicago.edu
                                                                                                                                                                                                                                                                                                                                          /organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="mRNA"
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High quality sequence stop: 14.
                                                                                                                                                                                                                                                         Seq primer: T3.
Location/Qualifiers
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Best Local Similarity 92.3%;
Watches 12, Conservative
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AR129072.1) a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E., Frankel
,J. and Klobutcher,L.
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plannid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     / sex="Wale"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculuus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resource
                                                                                                                                                                                                               Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Hymenostomatida, Tetrahymenina, Tetrahymena.
                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0056 row: C column: 13
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'organism="Mus musculus"
                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0056C13"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           High quality sequence stop: 19.
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Tetrahymena thermophila
Tetrahymena thermophila
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Best Local Similarity
                                                                                                             Unpublished
                                                                                                                                                                                                                  Rm. 308, B:
84112, USA
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BM397622/c
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Gaps

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/gex="Male" Coli strain X110-Gold, T1-resistant, F-"
/lab host="B. Coli strain X110-Gold, T1-resistant, F-"
/clone lib="wouse lokb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
laboratory Mouse DNA Resources
/decomply mouse DNA Resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114) [gb] AR129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                             AZ404871 24 bp DNA linear GSS 03-0CT-2000 1M0173J14R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0173J14 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. I. (bases 1.to 24)

Dunn,D., Aoyad,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0173 row: J column: 14

Seg primer: CACACAGGAACAGCTATGACC

Class: plasmid ends
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mol_type="genomic DNA"
|strain="C57BL/61"
|db_xref="taxon:1009"
|clone="UUGCIM0173J14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
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     11 TTTTAAAAAAAA 23
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Best Local Similarity
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AZ404871/c
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KEYWORDS
SOURCE
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              /clone="INAGE:281595"
/tisue type="small cell carcinoma"
/tisue type="small cell carcinoma"
/tisue type="small cell carcinoma"
/tab_host="hdRG3"
/lab_host="hdRG3"
/clone lib="NIH MGC 7"
/note="Organ: lung, Vector: poTB7; Site_1: XhoI; Site_2:
EcoRI; cDNA made by oligo-dr priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACGAGG (G). Size-selected >500bp for average
insert size 1: 8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagere) and Superscript II RT (Life Technologies)."
2 a 1 c 1 g li t 1
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Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTAL 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hall, N. Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S. E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Submitted (Los Contro, Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
clambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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23 bp DNA linear GSS 13-Di
T. brucei sheared genomic DNA clone 367d08, forward sequence,
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Eukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                   1.0%; Score 11.4; DB 1; Length 15; 2.3%; Pred. No. 4.6e+02; ve 0; Mismatches 1; Indels
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/strain="TREU927"
/db_xref="taxon:5691"
db xref="taxon:9606"
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Best Local Similarity 92.3
Matches 12, Conservative
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Best Local Similarity
Matches 12; Conserv
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AUTHORS
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KEYWORDS
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LOCUS DEFINITION RESULT 438 AW247148/c

ACCESSION

VERSION KEYWORDS

SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL COMMENT

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Contact: Robert Strausberg, Ph.D.

Equal: Strausberg, Ph.D.

Equal: Gapba-Faramail. Lihh.gov

Tissue Procurement: DruD/Drpc CDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llh.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Mashingtion Genome Center. Vector Trimming: cross match from University of Mashingtion Genome Center.

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

prosophila Genome Project. University of Mashingtion Genome Center:

thtp://www.genome.washington.edu Low Quality Sequence: 8 contiguous

phRED high quality bases following vector sequence. Very Low

Quality Sequence: Trace file contained 15 contiguous distinct peaks

following vector sequence. Polyadenylation: Based upon the presence

of a XhoI site followed by a run of 14 or more T residues at the

Beginning of the sequence, this CDNA insert was polyadenylated.

High quality sequence stop: 8

Location/Qualifiers
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                                                                                                                                                                                                                                                                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                  NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
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/db_xref="taxon:9606"
/clone="IMAGE:2821138"
                                                                                                                                           AW250872.1 GI:6593865
                                                                                                                                                                                                                              Homo sapiens (human)
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                                                                 mRNA sequence.
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AZ308846
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Other ESTS: 2819953.5prime
Contact: Robert Strausberg, Ph.D.
Bmail: cgapbs-ramail.nlh.gov
Tissue Procurement: DCTD/Drp cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLM) DNA Sequencing by: Berkeley MGC sequencing
project clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Linn at:
www-bio.llni.gov/Dbrp/image/image.html Base Calling / Quality
Scores: PHRBD from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
Drosophila Genome Project. Diversity bases following vector sequence: at the Debruning of the sequence. Polyadenylation: Based upon the
at the beginning of the sequence, this cDNA insert was
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/mol type="mRNA"

/db Xref="taxon:9606"

/dlore="INAGE:2019953"

/clone="INAGE:2019953"

/clone="Ine="MGG3"

/clone lib="MGG3"

/clone lib="NIH MGC 7"

/clone lib="NIH MGC 
                                                                                                                                                                                                            AW247148
2819953.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819953 3',
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NATH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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100.0%; Pred. No. 5.1
ive 0; Mismatches
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High quality sequence stop: 13.
Location/Qualifiers
22 TTTTTTTTTTTTGAG 2
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Matches 11; Conserv
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FEATURES

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                                                                                                                                                        AZ308B46 1000 21 bp DNA linear GSS 29-SEP-2000 IM0012H15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0012H15 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                   Mus musculus (house mouse)
Mus musculus
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GSS.
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KEYWORDS
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EST 07-JAN-2000

linear

mRNA

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AW250872

AW250872/c LOCUS

RESULT 439

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Query Match

BASE COUNT

Length 15;

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Best Local Similarity 85.7
Matches 12; Conservative
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AW250976/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (http://www.igax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide Kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWN42 (91,4732114) [pd. APL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent B. coli Xilo-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah
Weiss Service 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2819706.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819706 3', MRNA sequence.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Butheria, Rodentia; Sciurognathi, Muridae, Murinae, Mus. L. (bases 1 to 21)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="B. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/60 (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0012H15"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  High quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        928 CTTTCAGGTTTTGTTTAT 946
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Homo sapiens
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Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLLL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Poly-T identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 13
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 15 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
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//mol type="mRNA" |
/db_xref="taxon:9606" |
/dlone="rkMABE:2819706" |
/dlone="rkMABE:2819706" |
/tissue type="small cell carcinoma" |
/tissue type="small cell carcinoma" |
/clone="DHLOB" (phage-resistant) |
/clone="DHLOB" (phage-resistant) |
/clone="Organ: lung; Vector: poTB7; Site 1: XhoI; Site 2:
ECORI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following S |
/cloned into EcoRI/XhoI sites using the following S |
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 15)
Math-Mac http://mgc.noi.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC) Unpublished
                                                         1 (bases 1 to 15)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2; Indels
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert Strausberg, Ph.D.
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High quality sequence stop: 13.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                             Other ESTs: 2819706.5prime
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AW250976.1 GI:6594065
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mRNA sequence.
AW246446
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                 97044478
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                                            Email: cgapbs-r@mmil.nih.gov

Finsue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LiNL) DNA Sequencing by: Berkeley MGC Sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LiNL at:

www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washingtion Genome Center. Vector

Trimming: cross match from University of Washingtion Genome Center.

PHRAP snite. Polly-r Identification: parMatch.pl from Berkeley

Drosophila Genome Project. University of Mashingtion Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 11

contiguous PHRED high quality bases following vector sequence. Very

low Quality Sequence: Trace file contained 15 contiguous distinct

peaks following vector sequence. Polyadenylation: Based upon the

presence of a XhoI site followed by a run of 14 or more I residues

at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      / Wol_type="mRNA" | Wol_tissue type="smail cell carcinoma" | Wol_tissue type="mrGall cell line="mRG3" | Wolge="mrGall cell line="mRG3" | Wolge="mrGall cell colline" | Wolge="mrGall cell colline" work made by oligo-dr priming. Directionally cloned into EccRI/Xhol sites using the following of adaptor: GGCACGAG(G). Size-selected >SOODp for averaginest size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 25)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., DuBaque,T., Favello,A., Gish,W., Hawkins
(M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore
(B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T.,
Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E.,
Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M.
Generation and analysis of 280,000 human expressed sequence tags
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   yb08h08.sl Stratagene placenta (#937225) Homo sapiens cDNA clone
IMAGE:70623 3' similar to similar to gb:X62744 CLASS II
HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN (HUMAN), mRNA sequence.
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                             Contact: Robert Strausberg, Ph.D.
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/organism="Homo sapiens"
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Plate: LLCM8 row: N column: 22
High quality sequence stop: 11.
Location/Qualifiers
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Best Local Similarity 85.73
Matches 12; Conservative
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COMMENT
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Email: cgapbs-ramail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LINL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Libra at:
www-bo.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center.
Trimming: cross match from University of Washingtion Genome Center
Drosophila Genome Project. University of Washingtion Genome Center
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

    (bases 1 to 17)

                                                                                                                                                                                    High gality sequence starts: 1
High gality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished
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                                                Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 10.8; DB 1; Length 25;
Pred. No. 5.2e+02;
0; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="mRNA"
/db_xref="GDB:491520"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                          Seq primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
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Other ESTs: yb08h08.rl
Contact: Wilson RK
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Homo sapiens
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/ Woll type="mRNA" | Woll tissue tissue tissue to the following to the following to adaptor: GCACACAGG(G). Size-selected >SOOD for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagen) and Superscript II RT (Life Technologies)."
PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 17 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a Xhol site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was polyadenylated. Plate: LLCAT row. D column: 18 Flate: LLCAT row. D column: 18 High quality sequence stops.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Iongacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Insert Length: 10000 Std Error: 0.00
Plate: 0118 row: G column: 09
Seq primer: CACACAGGAAACAGCTATGACC
Class: plammid ends
                                                                                                                                                                                                                         1. .17
/organism="Homo sapiens"
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/mol_type="genomic DNA"
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Location/Qualifiers
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Mus musculus
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AZ368518.1 GI:10482218
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Fax: 801 585 7177
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Best Local Similarity
Matches 13; Conserv
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KEYWORDS
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ORGANISM
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AZ368518/c
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AUTHORS
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114) pB.P.23072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-GOLG (Stratagene) cells and selected for ampicilin resistance."
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clone UUGCZMOZĆŠIZJ F, genomic survey sequence.
AZ984045
AS984045.1 GI:13855272
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                  /sex="Male"
/lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/67 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Length: 10000 Std Error: 0.00
0265 row: I column: 23
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/mol_type="genomic DNA"
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Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
/db_xref="taxon:10090"
/clone="UUGC1M0118G09"
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Location/Qualifiers
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Mus musculus
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Fax: 801 585 7177
Email: ddunn@genet
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Best Local Similarity
Matches 13; Conservat
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Libert Committee (102-JUM-1999) Genoscope - Centre National de Sequencage: BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr - Web: www.genoscope.cns.fr)

- Web: www.genoscope.cns.fr)

- Determination of this BAC-end sequence was carried out as part of a collaboration with the Berkeley Drosophila Genome Project (BDGP). The BDGP is constructing a physical map of the Drosophila melanogaster genome using these BACs. For further information please see http://www.fruitily.org The BDGP Drosophila melanogaster BAC library was prepared by Kazutcyo Osoegawa and Aaron Mammoser in Pieter de Jong's laboratory in the Department of Cancer Genetics at the Roswell Park Cancer Institute in Buffalo, NY. The library is named RPCI-98 and was constructed by partial EcoRI digestion of Drosophila DNA provided by the BDGP from the isogenic strain y2; cn bw sp, the same strain used for the BDGP's pl and BST libraries. A more detailed description of the library and how to order individual BAC clones, the entire library, or filters for hybridization from the BACEAC Resource Center can be found at http://bacpac.med.buffalo.edu/drosophila_bac.htm.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CNSOOBGV 26 bp DNA linear GSS 04-JUN-1999
Drosophila melanogaster genome survey sequence TET3 end of BAC #
BACR23F05 of RPCI-98 library from Drosophila melanogaster (fruit
                                                                                                                                                                                                                                                               /dev stage="49 year old"
/lab_host="SOLR cells (kanamycin resistant)"
/lab_host="SOLR cells (kanamycin resistant)"
/lab_host="SOLR cells (kanamycin resistant)"
/lab_host="SOLR cells (kanamycin resistant)"
/lote="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI;
Site 2: Xhol; Cloned unidirectionally. Primer: Oligo dr.
Total ovary tissue, normal, caucasian. Average insert
size: 0.8 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5'
CTCGAGTTTTTTTTTTTTTTTTT] 3."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Bukaryota, Metazoa, Arthropoda, Hexapoda, Insecta, Pterygota,
Neoptera, Endopterygota, Diptera, Brachycera; Muscomorpha;
Ephydroidea, Drosophilidae, Drosophila.
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54.0%; Pred. No. 5.3e+02;
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                                                                                 /organism="Homo sapiens"
mol_type="mRNA"
db_xref="GDB.50236"
/db_xref="taxon:9606"
/clone="IMAGE:75507"
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/db_xref="taxon:7227"
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High quality sequence stop: 1.
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/clone_lib="RPCI-98"
/note="end : TET3"
                          Location/Qualifiers
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                                                                                                                                                                                                                                                  /sex="female"
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                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was indrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was putified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gpl|APL29072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W., Hawkins
M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore
M., Hultman, M., Parsone, J., Prange, C., Rifkin, L., Rohlfing, T.,
Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E.,
Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
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Y559b02.s1 Stratagene ovary (#837217) Home apiens CDNA clone MAGE:75507 3' similar to similar to gb:M1789 TYROSINE 3-MONOOXYGENASE ISOZYMES (HUMAN), mRNA sequence.
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0
                                                                                                                  /lab_host="E. coli strain XL10-Gold, Tl-resistant, F-"/clone lib="Mouse 10kb plasmid UUGC2M library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus G57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Tel: 314 286 1800
Fax: 314 286 1810
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                          /db_xref="taxon:10090"
/clone="UUGC2M0265123"
/sex="Female"
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Sukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 13)

S Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,

Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.

Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

Contact: Weisshaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851
                                                                                                                                                                                                                                       13 bp mRNA linear EST 06-DEC-2002
CD12680-024-020-D03-SP6 MPIZ-ADIS-024-storage root Beta vulgaris
DQ589768
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/note="Vector: pCMVSPORT6; Site 1: Sal1: Site 2: Not1;
/note="Vector: pCMVSPORT6; Site 1: Sal1: Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, conteact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Orientation:
SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
SPGuenching granted in the context of the GABI-Beet project
, local Pl: Dr. Katharina Schneider, coordinator: Prof.
Christian Jung; Sequence submission managed by
RZEPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line
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Query Match 1.0%; Score 10.6; DB 1; Length 26; Best Local Similarity 61.9%; Pred. No. 5.3e+02; Matches 13; Conservative 2; Mismatches 6; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: weisshadompiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 20 row: D column: 03
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.9%; Score 10.4; DB 1;
91.7%; Pred. No. 5.7e+02;
cive 0; Mismatches 1;
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/db_xref="taxon:161934"
/clone="024-020-D03"
/tissue_type="storage root"
/lab_host="EMDH108"
                                                                                             929 TTTCAGGTTTTGTTTATGAG 949
                                                                                                                                          3 TTTTTTTTTTTTTTTSAK 23
                                                                                                                                                                                                                                                                                                                                                        BQ589768.1 GI:26119351
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KEYWORDS
SOURCE
ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS
                                                                                                                                                                                                                                       BQ589768
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/dex="Male" Coli strain XIIO-Gold, Tl-resistant, F-"
/lab host="E. Coli strain XIIO-Gold, Tl-resistant, F-"
/clone lib="Mouse libk plasmid UUGCIM library"
/note="Vector: PWD42rv; Purified genomic DNA from M.
musculus CS7BIL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligomucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114(gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
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                                  GSS 29-SEP-2000
                                                                                                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria; Rodentia, Sciurognathi; Muridae, Murinae; Mus. 1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
AZ345856 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0080G17 R, genomic survey sequence.
AZ345856
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: G column: 17
Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. .20
/organism="Mus musculus"
/orl type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0080G17"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                            Mus musculus (house mouse)
                                                                                                                                                          AZ345856.1 GI:10425093
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                           Mus musculus
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USA
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RESULT 450